



No. 36

4 SEPTEMBER 2004



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
Navigation Team	USS THOMAS S. GATES

Cover Photo: LCVP-Officially designated as a Landing Craft, Vehicles and Personnel, this small craft was more commonly known by the name of its inventor, New Orleans businessman Andrew Jackson Higgins. A modification of Higgins' Eureka workboat, the LCVP was highly maneuverable and ideal for landing troops and supplies on beaches. Higgins Industries, along with other companies licensed to reproduce the design, built over 20,000 LCVPs during the course of the war. This landing craft was important not only to the Normandy landings on D-Day, but also to Pacific Theatre operations on Guadalcanal, Tarawa, Iwo Jima and Okinawa. The LCVP could land a platoon of 36 men with their equipment, extract itself quickly, turn around without broaching in the surf, and return to get more troops and/or supplies. The Higgins boats landed more Allied troops during WWII than all other types of landing craft combined. As our nation marks the 40th anniversary of D-Day, we salute Andrew Jackson Higgins' influence on amphibious warfare and his contribution toward the Allied victory in World War II.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 36/04

HYDROGRAM

**National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS
NEW PRODUCTS
OR SERVICES
IMPORTANT
CHANGES

4 September 2004

UNITED STATES OF AMERICA NOTICE TO MARINERS CHANGE IN DISTRIBUTION

THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) IS TRANSITIONING FROM PRODUCING AND DISTRIBUTING HARD COPY NAUTICAL SAFETY PRODUCTS TO DIGITAL DISSEMINATION. EFFECTIVE WITH US NOTICE TO MARINERS NUMBER 1, 2005, NGA WILL NO LONGER DISTRIBUTE HARD COPY VERSIONS OF THE WEEKLY NOTICE TO MARINERS AND WILL MAKE THEM AVAILABLE FREE OF CHARGE VIA THE INTERNET. SEE SECTION III.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

NEW EDITION OF SAILING DIRECTIONS

PUB. 141, SAILING DIRECTIONS (ENROUTE) SCOTLAND, EIGHTH EDITION, 2004, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

NEW EDITION OF SAILING DIRECTIONS

PUB. 164, SAILING DIRECTIONS (ENROUTE) NEW GUINEA, NINTH EDITION, 2004, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

NEW EDITION OF SAILING DIRECTIONS

PUB. 171, SAILING DIRECTIONS (ENROUTE) EAST AFRICA AND THE SOUTH INDIAN OCEAN, EIGHTH EDITION, 2004, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

NEW EDITION OF SAILING DIRECTIONS

PUB. 192, SAILING DIRECTIONS (ENROUTE) NORTH SEA, NINTH EDITION, 2004, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 36/04

400 (INT 400) 3Ed. 12/25/93 LAST NM 27/04 36/04	Delete Dashed-line circle "Obstn" 27°37'N 89°13'W	11308 22Ed. 11/02 LAST NM 23/04 36/04	(Side A)
	Dashed-line circle "Obstn" 27°06'N 91°06'W	Add Light "D" Fl Y 2.5s 10ft (Priv) 27°48'31.7"N 97°08'30.8"W	
	Dashed-line circle "Obstn" 26°05'N 88°58'W	Light "C" Fl Y 2.5s 10ft (Priv) 27°47'58.7"N 97°14'26.3"W	
	Dashed-line circle "Obstn" 25°55'N 91°08'W	Light "B" Fl Y 2.5s 10ft (Priv) 27°50'23.2"N 97°20'25.6"W	
	(26/04 CG8)	(26/04 CG8)	Light (undesignated) Fl Y 2.5s 9ft (Priv) 27°48'00.8"N 97°21'11.5"W
401 (INT 401) 5Ed. 6/15/91 LAST NM 27/04 36/04	Delete Dashed-line circle "Obstn" 27°37'N 89°13'W	★11309 37Ed. 9/03 LAST NM 23/04 36/04	
	Dashed-line circle "Obstn" 27°06'N 91°06'W	Add Light "D" Fl Y 2.5s 10ft (Priv) 27°48'31.7"N 97°08'30.8"W	
	Dashed-line circle "Obstn" 26°05'N 88°58'W	Light "C" Fl Y 2.5s 10ft (Priv) 27°47'58.7"N 97°14'26.3"W	
	Dashed-line circle "Obstn" 25°55'N 91°08'W	Light "B" Fl Y 2.5s 10ft (Priv) 27°50'23.2"N 97°20'25.6"W	
	(26/04 CG8)	(26/04 CG8)	Light (undesignated) Fl Y 2.5s 9ft (Priv) 27°48'00.8"N 97°21'11.5"W
411 49Ed. 3/03 LAST NM 25/04 36/04	Delete Dashed-line circle "Subm mooring L1" (cov 38fms) 27°37'N 89°13'W	★11311 23Ed. 1/26/02 LAST NM 12/04 36/04	
	Dashed-line circle "Subm mooring L2" (cov 38fms) 27°06'N 91°07'W	Add Light Fl Y 2.5s 9ft (Priv) 27°48'00.8"N 97°21'11.5"W	
	Dashed-line circle "Subm mooring L3" (cov 38fms) 26°05'N 88°58'W	(26/04 CG8)	
	Dashed-line circle "Subm mooring L4" (cov 38fms) 25°55'N 91°08'W	★11312 3Ed. 10/20/01 LAST NM 26/04 36/04	
	(26/04 CG8)	Add Light "D" Fl Y 2.5s 10ft (Priv) 27°48'31.7"N 97°08'30.8"W	
1113A Ed. 3/03 LAST NM 32/04 36/04	Add Danger circle "Obstns" (NOS) 27°29.4'N 82°44.1'W	(26/04 CG8)	
1114A Ed. 5/04 LAST NM 30/04 36/04	Add Danger circle "Obstns (1 1/2fms)" (NOS) 27°29.4'N 82°44.1'W	11318 1Ed. 10/2/99 LAST NM N23/04 N36/04	
		Add Light "C" Fl Y 2.5s 10ft (Priv) 27°47'58.7"N 97°14'26.3"W	
		Light "B" Fl Y 2.5s 10ft (Priv) 27°50'23.2"N 97°20'25.6"W	
		Light (undesignated) Fl Y 2.5s 9ft (Priv) 27°48'00.8"N 97°21'11.5"W	
		(26/04 CG8)	
1115A Ed. 10/02 LAST NM 35/04 36/04	Delete Dashed-line circle "Subm mooring L1" (cov 38fms) 27°36.6'N 89°13.4'W	11331 19Ed. 11/03 LAST NM 25/04 36/04	
	(26/04 CG8)	(Side A)	
1116A Ed. 6/03 LAST NM 35/04 36/04	Delete Dashed-line circle "Subm mooring L2" (cov 38fms) 27°05.7'N 91°06.4'W	Delete Position circles (3) and legend "Piles" in vicinity 29°53'21.8"N 93°54'52.7"W	
	(See 37/03-1116A)	Danger circle "Obstn rep ED" 29°53'30.8"N 93°54'43.3"W	
	Add "Fish Haven (auth min 17fms)" area bound by dashed line joining 28°24.6'N 91°36.5'W	Position circle "Pile" 29°57'43.8"N 93°51'25.3"W	
		Dangerous wreck (PA) 29°57'56.0"N 93°51'23.8"W	
		Dangerous wreck (PA) 30°00'30.7"N 93°45'46.0"W	
		11340 68Ed. 6/03 LAST NM 35/04 36/04	
		Delete Dashed-line circle "Subm mooring L2" (cov 38fms) 27°05.7'N 91°06.4'W	
		(See 37/03-11340)	
		Add "Fish Haven (auth min 17fms)" area bound by dashed line joining 28°24.6'N 91°36.5'W	
		28°25.3'N 91°36.5'W	
		28°25.3'N 91°35.7'W	
		28°24.6'N 91°35.7'W	
		Light symbol [P1] to position circle 28°54.9'N 91°04.3'W and change legend "Q Lts" to "Q 5M"	
		Platform [L10] 28°09.7'N 90°13.7'W	
		Position circle "Pipe" (cov 2fms) enclosed by danger circle [L21.2] (PA) 29°07.7'N 89°40.8'W	
		(NOS; 26/04 CG8)	
★11004 7Ed. 10/29/94 LAST NM 32/04 36/04	Delete Dashed-line circle "Subm mooring L1" (cov 70m) 27°36.6'N 89°13.4'W	11342 52Ed. 5/03 LAST NM 27/04 36/04	
	Dashed-line circle "Subm mooring L2" (cov 70m) 27°05.7'N 91°06.4'W	Delete Position circles (3) and legend "Piles" in vicinity 29°53'23.0"N 93°54'51.2"W	
	Dashed-line circle "Subm mooring L3" (cov 70m) 26°05.3'N 88°57.8'W	Danger circle "Obstn rep ED" 29°53'29.9"N 93°54'42.8"W	
	Dashed-line circle "Subm mooring L4" (cov 70m) 25°55.4'N 91°07.9'W	Position circle "Pile" 29°57'44.2"N 93°51'25.7"W	
		Dangerous wreck (PA) 29°57'56.0"N 93°51'25.7"W	
	Add Depth 31 meters enclosed by dashed-line circle "Fish Haven" 28°25.0'N 91°36.1'W	Add Danger circle "Obstn" [K40] 29°53'10.6"N 93°55'02.8"W	
	(NOS; 26/04 CG8)	Danger circle "Obstn" [K40] 29°55'14.3"N 93°53'02.8"W	
11006 31Ed. 9/03 LAST NM 32/04 36/04	Delete Dashed-line circle "Subm Mooring Buoy" (cov 38fms) 27°36.3'N 89°13.2'W	★11343 37Ed. 9/03 LAST NM 27/04 36/04	
	Dashed-line circle "Subm Mooring Buoy" (cov 38fms) 26°05.2'N 88°57.8'W	Delete Dangerous wreck (PA) 29°57'56.0"N 93°51'24.4"W	
	(26/04 CG8)	Dangerous wreck (PA) 30°00'30.7"N 93°45'45.0"W	
11305 1Ed. 10/2/99 LAST NM N26/04 N36/04	Add Light "D" Fl Y 2.5s 10ft (Priv) 27°48'31.7"N 97°08'30.8"W		
	(26/04 CG8)		

(continued on next page)

SECTION I

11343	(Continued)				
Add	Position circle "Dols" [F20]	30°04'43.2"N 93°43'23.1"W			
(NOS)					
11347	33Ed. 7/02 LAST NM 35/04 (Side A)	36/04			
Change	Legend to "35 FT MAY 2004" (See 24/04-11347)	30°06'09"N 93°18'45"W			
	(Side B)				
Change	Legend to "35 FT MAY 2004"	30°06'21"N 93°18'25"W			
(NOS)					
★11348	20Ed. 8/03 LAST NM 25/04 (Side A)	36/04			
Change	Legend to "35 FT MAY 2004" (See 24/04-11348)	30°06'30"N 93°18'04"W			
(NOS)					
★11356	35Ed. 7/03 LAST NM 35/04	36/04			
Add	Light symbol [P1] to position circle and change legend "Q Lts" to "Q 5M" (26/04 CG8)	28°54'54"N 91°04'16"W			
★11358	52Ed. 6/03 LAST NM 35/04	36/04			
Add	Platform [L10]	28°55'51"N 90°09'57"W			
	Position circle "Pipe" (cov 12ft) enclosed by danger circle [L21.2] (PA)	29°07'43"N 89°40'46"W			
(26/04 CG8)					
★11360	40Ed. 10/02 LAST NM 35/04	36/04			
Delete	Dashed-line circle "Subm mooring L1" (cov 38fms)	27°36.6'N 89°13.4'W			
(26/04 CG8)					
11362	4Ed. 6/10/00 LAST NM N35/04	N36/04			
Delete	Dashed-line circle "Subm mooring L1" (cov 38fms)	27°36.6'N 89°13.4'W			
(26/04 CG8)					
★11366	8Ed. 10/03 LAST NM 35/04	36/04			
Add	Platform [L10]	28°09.7'N 90°13.7'W			
	Position circle "Pipe" (cov 2fms) enclosed by danger circle [L21.2] (PA)	29°07.7'N 89°40.8'W			
(26/04 CG8)					
11373	43Ed. 9/03 LAST NM 34/04	36/04			
Substitute	Beacon "2" R (Priv) for light "2"	30°18'18"N 88°32'53"W			
(26/04 CG8)					
11374	32Ed. 10/03 LAST NM 34/04 (Side A)	36/04			
Substitute	Beacon "2" R (Priv) for light "2"	30°18'15.6"N 88°32'51.4"W			
	(Side B)				
Substitute	Beacon "2" R (Priv) for light "4" 30°18'16.3"N 88°32'51.6"W				
	Beacon "4" R (Priv) for light "4" 30°18'29.1"N 88°32'33.7"W				
(26/04 CG8)					
★11375	35Ed. 8/02 LAST NM 34/04	36/04			
Substitute	Beacon "2" R (Priv) for light "2" 30°18'15.7"N 88°32'51.7"W				
	Beacon "4" R (Priv) for light "4" 30°18'28.9"N 88°32'34.1"W				
(26/04 CG8)					
★11385	26Ed. 3/04 LAST NM 23/04 (Side B)	36/04			
Change	Legend to "9 FT FOR A WIDTH OF 180 FT MAR 2004"	30°23'22"N 86°30'43"W			
(NOS)					
11400	35Ed. 5/04 LAST NM 30/04	36/04			
Add	Danger circle "Obstns (1½fms)"	27°29.4'N 82°44.1'W			
(NOS)					
11411	14Ed. 8/02 LAST NM 16/04 (Side A)	36/04			
Substitute	Dangerous wreck [K28] (PA) for stranded wreck (PA)	27°32'45"N 82°40'40"W			
(NOS)					
11412	42Ed. 2/04 LAST NM 34/04	36/04			
Substitute	Dangerous wreck [K28] (PA) for stranded wreck (PA)	27°32'45"N 82°40'40"W			
Add	Obstruction "(Fish Haven) (auth min 10ft)" [K46.2] bound by dotted line joining	27°29'31"N 82°43'59"W 27°29'18"N 82°43'59"W 27°29'18"N 82°44'10"W 27°29'31"N 82°44'10"W			
(NOS)					
★11415	6Ed. 11/03 LAST NM 32/04	36/04			
Substitute	Dangerous wreck [K28] (PA) for stranded wreck (PA)	27°32'45"N 82°40'40"W			
Add	Obstruction "(Fish Haven) (auth min 10ft)" [K46.2] bound by dotted line joining	27°29'31"N 82°43'59"W 27°29'18"N 82°43'59"W 27°29'18"N 82°44'10"W 27°29'31"N 82°44'10"W			
(NOS)		and delete all hydrography within above area			
★11416	6Ed. 1/04 LAST NM 34/04	36/04			
Substitute	Dangerous wreck [K28] (PA) for stranded wreck (PA)	27°32'45"N 82°40'40"W			
(NOS)					
11420	27Ed. 3/03 LAST NM 32/04	36/04			
Add	Danger circle "Obstns"	27°29.4'N 82°44.1'W			
(NOS)					
11423	7Ed. 8/10/96 LAST NM N32/04	N36/04			
Add	Danger circle "Obstns"	27°29.4'N 82°44.1'W			
(NOS)					
11424	18Ed. 1/03 LAST NM 25/03	36/04			
Substitute	Dangerous wreck [K28] (PA) for stranded wreck (PA)	27°32'45"N 82°40'40"W			
Add	Obstruction "(Fish Haven) (auth min 10ft)" [K46.2] bound by dotted line joining	27°29'31"N 82°43'59"W 27°29'18"N 82°43'59"W 27°29'18"N 82°44'10"W 27°29'31"N 82°44'10"W			
(NOS)					
11425	35Ed. 11/03 LAST NM 15/04 (Side B)	36/04			
Substitute	Dangerous wreck [K28] (PA) for stranded wreck (PA)	27°32'45"N 82°40'40"W			
Add	Obstruction "(Fish Haven) (auth min 10ft)" [K46.2] bound by dotted line joining	27°29'31"N 82°43'59"W 27°29'18"N 82°43'59"W 27°29'18"N 82°44'10"W 27°29'31"N 82°44'10"W			
(NOS)					
★11428	12Ed. 4/04 LAST NM 25/04 (Inset Tortugas Harbor)	36/04			
Delete	Depth 28 feet	24°37'42.5"N 82°52'15.3"W			
	Depth 8 feet	24°37'41.5"N 82°52'12.2"W			
	Depth 27 feet	24°37'40.7"N 82°52'14.7"W			
	Depth 26 feet	24°37'40.6"N 82°52'17.3"W			

(continued on next page)

SECTION I

NM 36/04

11438	(Continued)			
	Legend "Shoaling rep 2001"	24°37'41.7"N 82°52'15.0"W		
Add	Legend "Shl rep 2004"	24°37'42.3"N 82°52'15.3"W		
	Legend "Shl rep 2004"	24°37'40.7"N 82°52'13.6"W		
	Green tint area (marsh) [C33] bound by dotted line joining	24°37'41.4"N 82°52'18.2"W 24°37'42.4"N 82°52'11.2"W 24°37'41.4"N 82°52'11.7"W 24°37'40.8"N 82°52'17.8"W		
(NOS)				
★11469	6Ed. 6/04 NEW EDITION		36/04	
Delete	Dashed line between	25°46'30"N 80°07'52"W 25°50'20"N 80°06'48"W		
(NOS)				
★11491	33Ed. 3/24/01 LAST NM 32/04 (Side B)		36/04	
Add	Legend "36 FT 2003"	30°21'29.5"N 81°37'09.3"W		
(NOS)				
11505	2Ed. 4/04 LAST NM 31/04		36/04	
Add	Tabulation of controlling depths from Subsection I-2			
(NOS)				
★11511	17Ed. 6/04 NEW EDITION		36/04	
(NOS)				
★11512	59Ed. 1/03 LAST NM 31/04		36/04	
Delete	Beacon "1"	32°03'25"N 80°49'24"W		
Add	Tabulation of controlling depths from Subsection I-2			
(NOS; 26/04 CG7)				
★11514	26Ed. 7/02 LAST NM 31/04 (Side A)		36/04	
Add	Dashed line (channel limit) [I20] joining	32°09'05.2"N 81°08'55.8"W 32°09'06.6"N 81°08'56.6"W 32°09'03.5"N 81°08'46.1"W 32°09'01.4"N 81°08'42.8"W		
	Legend "36 ft rep"	32°09'04.5"N 81°08'51.0"W		
	Tabulation of controlling depths from Subsection I-2			
(NOS)				
★11523	22Ed. 6/04 NEW EDITION		36/04	
(NOS)				
★11524	47Ed. 2/04 LAST NM 31/04		36/04	
Delete	Depth 34 feet Obstn	32°51'26.5"N 79°57'10.0"W		
Relocate	Buoy "5" from 32°49'34.8"N 79°54'00.0"W to 32°49'33.4"N 79°53'58.4"W			
	Buoy "50" from 32°51'20.0"N 79°56'34.8"W to 32°51'19.9"N 79°56'32.6"W			
	Buoy "60" from 32°54'10.2"N 79°57'18.2"W to 32°54'10.2"N 79°57'16.3"W			
(NOS; 26/04 CG7)				
12221	75Ed. 9/03 LAST NM 35/04		36/04	
Change	Period of light "6" to 2.5s	37°03'49"N 76°16'46"W		
	Visibility (range) of light "2" to 5M	37°17'44"N 76°15'41"W		
(25/04 CG5)				
★12222	46Ed. 5/04 LAST NM 30/04		36/04	
Change	Period of light "6" to 2.5s	37°03'47"N 76°16'46"W		
(25/04 CG5)				
★12238	38Ed. 11/03 LAST NM 35/04		36/04	
Change	Visibility (range) of light "2" to 5M	37°17'44"N 76°15'41"W		
(25/04 CG5)				
12280	4Ed. 10/03 LAST NM 35/04		36/04	
Change	Visibility (range) of light "2" to 5M	37°17.7"N 76°15.7"W		
(25/04 CG5)				
12285	36Ed. 1/04 LAST NM 19/04 (Page A)		36/04	
Relocate	Light "1LM" from 38°08'23"N 76°39'00"W to 38°08'26"N 76°39'00"W			
	(Page B, Inset 5)			
Relocate	Light "1LM" from 38°08'23"N 76°39'00"W to 38°08'26"N 76°39'00"W			
(25/04 CG5)				
★12286	29Ed. 11/02 LAST NM 28/04		36/04	
Relocate	Light "1LM" from 38°08'23"N 76°39'00"W to 38°08'26"N 76°39'00"W			
	Buoy "1" from 38°22'13"N 76°59'37"W to 38°22'13"N 76°59'43"W			
(25/04 CG5)				
★12287	17Ed. 2/3/96 LAST NM 2/02		36/04	
Relocate	Buoy "1" from 38°22'13.5"N 76°59'39.0"W to 38°22'13.5"N 76°59'42.9"W			
(25/04 CG5)				
12288	19Ed. 5/23/98 LAST NM 9/04		36/04	
Relocate	Buoy "1" from 38°22'13"N 76°59'39"W to 38°22'13"N 76°59'43"W			
(25/04 CG5)				
12300	43Ed. 3/03 LAST NM 34/04		36/04	
Delete	Danger circle "Obstn" (PA)	41°10.1'N 71°12.9'W		
Add	Buoy "RIDA" Y, Fl Y 4s (Priv)	41°13.8'N 71°22.8'W		
(49/02, 30/04 CG1)				
12301	21Ed. 9/15/01 LAST NM N34/04		N36/04	
Delete	Danger circle "Obstn" (PA)	41°10.1'N 71°12.9'W		
Add	Buoy "RIDA" Y, pillar, Fl Y 4s (Priv)	41°13.8'N 71°22.8'W		
(49/02, 30/04 CG1)				
★12311	42Ed. 8/03 LAST NM 33/04		36/04	
Delete	Buoy "WR2M"	39°40'46"N 75°31'04"W		
(26/04 CG5)				
★12312	52Ed. 1/03 LAST NM 31/04		36/04	
Change	Height of light "2" to 15ft	39°48'34"N 75°23'02"W		
(29/04 CG5)				
★12316	30Ed. 11/03 LAST NM 31/04 (Side A)		36/04	
Relocate	Buoy "LE" from 39°26'47"N 74°17'21"W to 39°26'47"N 74°17'18"W			
	Buoy "1" from 39°21'03"N 74°23'38"W to 39°20'49"N 74°23'43"W			
	Buoy "2" from 39°21'13"N 74°23'39"W to 39°21'08"N 74°23'52"W			
	Buoy "3" from 39°21'26"N 74°24'04"W to 39°21'24"N 74°24'12"W			
Add	Buoy "251" G, can	39°18'05"N 74°34'10"W		
	(Side A, Inset)			
Relocate	Buoy "3" from 39°21'26.1"N 74°24'04.0"W to 39°21'23.6"N 74°24'12.0"W			
(27, 29/04 CG5)				
★12318	42Ed. 5/04 LAST NM 31/04		36/04	
Relocate	Buoy "LE" from 39°26'47"N 74°17'23"W to 39°26'47"N 74°17'18"W			

(continued on next page)

SECTION I

12318	(Continued)			
	Buoy "1" from 39°21'02"N 74°23'36"W to 39°20'49"N 74°23'43"W			36/04
	Buoy "2" from 39°21'12"N 74°23'38"W to 39°21'08"N 74°23'52"W			
	Buoy "3" from 39°21'24"N 74°24'00"W to 39°21'24"N 74°24'12"W			
	(Inset)			
Relocate	Buoy "2" from 39°21'12.5"N 74°23'38.0"W to 39°21'08.1"N 74°23'52.4"W			
	Buoy "3" from 39°21'25.5"N 74°24'03.8"W to 39°21'23.6"N 74°24'12.0"W			
	(27/04 CG5)			
13003	47Ed. 6/03 LAST NM 34/04	36/04		
Delete	Danger circle "Obstn" (PA) (See 36/03-13003)	41°10.1'N 71°12.9'W		
	(49/02 CG1)			
13006	31Ed. 6/03 LAST NM 34/04	36/04		
Delete	Danger circle "Obstn" (PA) (See 36/03-13006)	41°10.1'N 71°12.9'W		
	(49/02 CG1)			
*13218	39Ed. 6/04 LAST NM 34/04	36/04		
Delete	Danger circle "Obstn" (PA) (See 34/04-13218)	41°10'06"N 71°12'54"W		
Add	Buoy "RIDA" Y, Fl Y 4s (Priv) (49/02, 30/04 CG1)	41°13'51"N 71°22'49"W		
*13272	48Ed. 2/04 LAST NM 23/04	36/04		
Add	Danger circle "Obstn" [K40]	42°22'09.0"N 71°03'28.0"W (30/04 CG1)		
*13318	18Ed. 8/02 LAST NM 21/03	36/04		
Delete	Dashed line (recommended route) between 44°11'00"N 68°08'08"W 44°17'36"N 68°07'48"W			
	Dashed line (recommended route) between 44°17'00"N 68°01'21"W 44°18'36"N 68°05'12"W			
	Note: Legends remain			
Relocate	Pilot station symbol from 44°17'43"N 68°07'48"W to	44°17'36"N 68°07'48"W		
Change	Note to "Note B RECOMMENDED VESSEL ROUTE Deep draft vessels entering and departing Frenchman Bay and Bar Harbor are requested to remain within the Recommended Vessel Route. Two-way traffic is possible within all parts of the green-tinted areas. Other vessels, while not excluded, should exercise caution in these areas and monitor VHF channel 16 or 13 for information concerning vessels transiting these areas. See U.S. Coast Pilot 1, Chapter 6."	44°29'31"N 68°02'36"W		
Add	Green-tint line (recommended route) 400 yards wide on centerline between 44°11'00"N 68°08'10"W 44°17'36"N 68°07'48"W			
	Green-tint line (recommended route) 400 yards wide on centerline between 44°17'01"N 68°01'22"W 44°18'36"N 68°05'12"W			
	Dashed line (recommended route) [M4] joining 44°23'44"N 68°11'14"W 44°23'42"N 68°10'24"W 44°24'27"N 68°11'41"W			
	Legend "(see note C)" Legend "(see note C)"	44°23'17"N 68°10'00"W 44°19'43"N 68°07'53"W		
	Note "Note C For recommended route of deep draft vessels entering and departing Frenchman Bay and Bar Harbor see U.S. Coast Pilot 1, Chapter 6."	44°28'49"N 68°02'25"W		
(NOS)				
13394	3Ed. 7/02 LAST NM 42/03	36/04		
Change	Light to F 9.8m HORN (31/04 CG1)	44°55'07"N 66°58'00"W		
*13396	4Ed. 12/8/01 LAST NM 21/03	36/04		
Change	Light to F 9.8m HORN (31/04 CG1)	44°55'08.0"N 66°58'00.0"W		
14003	6Ed. 4/27/96 LAST NM 16/04	36/04		
Delete	Danger circle "Obstn" (PA)	41°10.1'N 71°12.9'W		
Add	Buoy "RIDA" Y, pillar, Fl Y 4s (Priv) (49/02, 30/04 CG1)	41°13.8'N 71°22.8'W		
14061	27Ed. 12/24/94 LAST NM 9/03	36/04		
Change	Light to F 10m HORN (31/04 CG1)	44°55'08"N 66°58'00"W		
14110	42Ed. 12/31/94 LAST NM 1/04	36/04		
Delete	Buoy "CQ" (1(4335)04 Ottawa)	45°22'24"N 61°27'58"W		
14198	Ed. 3/00 LAST NM N43/03	N36/04		
Delete	Buoy (undesignated) Buoy "MT94" (1(1310)04 Ottawa)	45°38'19.0"N 73°29'12.1"W 45°31'48.2"N 73°31'53.2"W		
14207	33Ed. 10/24/98 LAST NM 22/01	36/04		
Delete	Buoy (1(1310)04 Ottawa)	45°38'18.3"N 73°29'12.8'W		
14213	Ed. 9/29/00 LAST NM N5/04	N36/04		
Change	Light to FY 6m 16M, FG 6m 6M Note: Racon remains (1(1314)04 Ottawa)	46°38'33"N 71°54'35"W		
14214	Ed. 6/21/02 LAST NM N39/03	N36/04		
Relocate	Buoy from 46°48'28"N 71°11'22"W to (1(1315)04 Ottawa)	46°48'24"N 71°11'25"W		
14215	Ed. 2/26/99 LAST NM N39/03	N36/04		
Relocate	Buoy from 46°48'28.1"N 71°11'22.3"W to (1(1315)04 Ottawa)	46°48'24.0"N 71°11'25.2"W		
14216	Ed. 8/17/01 LAST NM N15/04	N36/04		
Relocate	Buoy from 46°48'28"N 71°11'22"W to (1(1315)04 Ottawa)	46°48'24"N 71°11'25"W		
14220	Ed. 3/31/00 LAST NM N39/03	N36/04		
Add	Depth 1.5 meters Depth 1.1 meters Depth 1.4 meters Depth 4.9 meters Depth 2 meters (1(1235)04 Ottawa)	48°20'47.3"N 69°23'19.4"W 48°20'44.5"N 69°23'18.9"W 48°20'41.5"N 69°23'18.5"W 48°20'39.7"N 69°23'13.7"W 48°20'38.9"N 69°23'16.4"W		
14249	Ed. 1/12/01 LAST NM N5/04	N36/04		
Substitute	Position circle "Lt Ho (aband)" for light (1(1226)04 Ottawa)	49°37.3'N 67°10.5'W		
14251	Ed. 11/19/99 LAST NM N40/03 (Right Panel)	N36/04		
Delete	Light Light Light Light Light (1(1226)04 Ottawa)	50°00'58.2"N 66°48'46.5"W 50°00'58.0"N 66°48'45.6"W 50°00'53.7"N 66°48'50.7"W 50°00'53.6"N 66°48'50.1"W		
	Substitute	Position circle "Lt Ho (aband)" for light 49°37'20.0"N 67°10'32.0"W		
Change	Light to Fl R 3s 12m 6M (Priv) (1(1226)04 Ottawa)	50°01'42.3"N 66°47'07.1"W		

(continued on next page)

SECTION I

NM 36/04

14251	(Continued)			
	Characteristic of light to Fl R 3s			
		50°01'43.6"N 66°46'56.0"W		
	(1/226)04 Ottawa			
★14814	24Ed. 2/24/01 LAST NM 18/01	36/04		
Change	Legend to "7½ FT FOR WIDTH OF 200-300 FT MAY 2004" 43°16'29.1"N 76°58'23.5"W			
	Legend to "7 FT FOR WIDTH OF 300 FT MAY 2004" 43°16'48.1"N 76°58'22.7"W			
	(NOS)			
★14823	30Ed. 10/02 LAST NM 1/03	36/04		
	(Inset Dunkirk Harbor)			
Change	Legend to "5½ FT 2004" 42°29'22.4"N 79°20'08.7"W			
	Legend to "5 FT APR 2004" 42°29'20.1"N 79°20'22.9"W			
	Legend to "4 FT APR 2004" 42°29'23.9"N 79°20'02.5"W			
	(NOS)			
★14852	45Ed. 2/03 LAST NM 26/04	36/04		
Relocate	Buoy "5" from 42°31'38.2"N 82°40'49.0"W to 42°31'37.8"N 82°40'48.9"W			
	(32/04 CG9)			
14853	14Ed. 3/03 LAST NM 26/04	36/04		
	(Page 38)			
Relocate	Buoy "5" from 42°31'38.2"N 82°40'49.0"W to 42°31'37.8"N 82°40'48.9"W			
	(32/04 CG9)			
17443	12Ed. 2/11/95 LAST NM 10/03	36/04		
Add	Solid line (pier) [F14] between 54°19'01.0"N 130°19'33.6"W 54°19'07.2"N 130°19'19.0"W			
	Light Fl Y (Priv) Light Fl Y (Priv)	54°19'01.0"N 130°19'33.6"W 54°19'07.2"N 130°19'19.0"W		
	(5/3958)04 Ottawa			
18010	20Ed. 2/10/01 LAST NM 33/04	36/04		
Add	Buoy Y, Fl Y 3s (Priv)	36°50.0'N 121°54.5'W		
	(22/04 CG11)			
18020	37Ed. 9/03 LAST NM 34/04	36/04		
Add	Buoy Y, Fl Y 3s (Priv)	36°50.0'N 121°54.5'W		
	(22/04 CG11)			
18022	34Ed. 11/03 LAST NM 34/04	36/04		
Add	Buoy Y, Fl Y 3s (Priv)	36°50.0'N 121°54.5'W		
	(22/04 CG11)			
18645	24Ed. 7/1/00 LAST NM 33/04	36/04		
Change	Period of light to 4s	37°49'30"N 122°28'41"W		
	(26/04 CG11)			
18649	63Ed. 9/03 LAST NM 33/04	36/04		
Change	Period of light to 4s	37°49'32"N 122°28'42"W		
Add	Buoy W Or, Fl 4s (Priv)	37°48'53"N 122°21'47"W		
	Buoy W Or, Fl 4s (Priv)	37°48'53"N 122°21'46"W		
	Buoy W Or, Fl 4s (Priv)	37°48'54"N 122°21'38"W		
	Buoy W Or, Fl 4s (Priv)	37°48'47"N 122°21'34"W		
	(26, 27/04 CG11)			
★18650	52Ed. 9/03 LAST NM 21/04	36/04		
Change	Period of light to 4s	37°49'31.7"N 122°28'41.2"W		
Add	Buoy W Or, Fl 4s (Priv)	37°48'53.0"N 122°21'47.0"W		
	Buoy W Or, Fl 4s (Priv)	37°48'53.0"N 122°21'46.0"W		
	Buoy W Or, Fl 4s (Priv)	37°48'54.0"N 122°21'38.0"W		
	Buoy W Or, Fl 4s (Priv)	37°48'47.0"N 122°21'34.0"W		
	(26, 27/04 CG11)			
18652	32Ed. 7/03 LAST NM 33/04	36/04		
	(Page A)			
Change	Period of light to 4s	37°49'31"N 122°28'41"W		
	(Page B, Inset 5)			
Change	Period of light to 4s	37°49'32"N 122°28'42"W		
18680	30Ed. 3/3/01 LAST NM 33/04	36/04		
Add	Buoy Y, Fl Y 3s (Priv)	36°50.0'N 121°54.5'W		
	(22/04 CG11)			
★18685	32Ed. 6/03 LAST NM 33/04	36/04		
Add	Buoy Y, Fl Y 3s (Priv)	36°50'00"N 121°54'30"W		
	(22/04 CG11)			
★18725	27Ed. 6/03 LAST NM 32/04	36/04		
	(Inset Santa Barbara)			
Add	Buoy "6" W Or, Fl 4s (Priv)	34°24'25.0"N 119°40'46.0"W		
	(28/04 CG11)			
18746	35Ed. 11/03 LAST NM 25/04	36/04		
Relocate	Buoy (mooring) from 33°20'27"N 118°18'44"W to	33°20'27"N 118°18'49"W		
	(29/04 CG11)			
★18757	10Ed. 6/13/92 LAST NM 5/04	36/04		
Relocate	Buoy (mooring) from 33°20'27"N 118°18'44"W to	33°20'27"N 118°18'49"W		
	(Inset Avalon Bay)			
Relocate	Buoy (mooring) from 33°20'27.0"N 118°18'44.0"W to	33°20'27.0"N 118°18'49.0"W		
	(29/04 CG11)			
18765	15Ed. 2/16/02 LAST NM 26/04	36/04		
Delete	Buoy (Navy)	32°35.3'N 117°08.2'W		
	Note: Danger circle "Subm obstn" remains			
	(29/04 CG11)			
★18772	47Ed. 2/03 LAST NM 23/04	36/04		
Delete	Buoy (Navy)	32°35'15"N 117°08'13"W		
	Note: Danger circle "Subm obstn" remains			
	(29/04 CG11)			
18774	10Ed. 6/02 LAST NM 31/04	36/04		
Relocate	Buoy (mooring) from 33°20.4'N 118°18.7'W to 33°20.4'N 118°18.8'W			
	(29/04 CG11)			
19002	9Ed. 3/1/97 LAST NM N29/04	N36/04		
Delete	Superbuoy ODAS "PICO"	20°30.0'N 158°02.0'W		
	(See N26/04-19002)			
Add	Superbuoy ODAS [Q58] "PICO" Y, Fl Y 3s (PA) (Priv)	20°30.2'N 157°59.8'W		
	Buoy WR, pillar, Fl Y 3s (Priv)	20°30.4'N 157°54.7'W		
	(30/04 CG14)			
19004	37Ed. 1/04 LAST NM 26/04	36/04		
Delete	Superbuoy ODAS "PICO"	20°30.0'N 158°02.0'W		
	(See 26/04-19004)			
Add	Superbuoy ODAS [Q58] "PICO" Y, Fl Y 3s (PA) (Priv)	20°30.2'N 157°59.8'W		
	Buoy WR, Fl Y 3s (Priv)	20°30.4'N 157°54.7'W		
	(30/04 CG14)			
19007	17Ed. 3/04 LAST NM 26/04	36/04		
Delete	Superbuoy ODAS "PICO"	20°30.0'N 158°02.0'W		
	(See 26/04-19007)			
Add	Superbuoy ODAS [Q58] "PICO" Y, Fl Y 3s (PA) (Priv)	20°30.2'N 157°59.8'W		
	Buoy WR, Fl Y 3s (Priv)	20°30.4'N 157°54.7'W		
	(30/04 CG14)			

19008	4Ed. Delete	11/3/84 LAST NM 26/04 Superbuoy ODAS "PICO" (See 26/04-19008)	36/04 20°30.0'N 158°02.0'W	24162	9Ed. Change	8/3/96 LAST NM 26/04 Visibility (range) of light to 3M Visibility (range) of light to 3M (12(68)04 Rio de Janeiro)	36/04 22°49'17.3"S 43°09'09.9"W 22°48'10.3"S 43°09'02.5"W
	Add	Superbuoy ODAS [Q58] "PICO" Y, Fl Y 3s (PA) (Priv)	20°30.2'N 157°59.8'W				
		Buoy WR, Fl Y 3s (Priv) (30/04 CG14)	20°30.4'N 157°54.7'W				
19009	4Ed. Delete	2/16/85 LAST NM 26/04 Superbuoy ODAS "PICO" (See 26/04-19009)	36/04 20°30.0'N 158°02.0'W	24180	15Ed. Change	11/16/96 LAST NM 40/03 Visibility (range) of light to 14M (12(50)04 Rio de Janeiro)	36/04 17°52.0'S 39°16.2'W
	Add	Superbuoy ODAS [Q58] "PICO" Y, Fl Y 3s (PA) (Priv)	20°30.2'N 157°59.8'W	24211	7Ed. Add	1/25/86 LAST NM 24/02 Submarine pipeline [L40.1] with legend "Gas" between Submarine pipeline [L40.1] with legend "Oil" between Legend "Gas and Oil" to submarine pipeline between	36/04 10°59'38"S 36°59'37"W 10°59'11"S 36°56'59"W 10°59'58"S 36°58'20"W 10°59'11"S 36°56'59"W
		Buoy WR, Fl Y 3s (Priv) (30/04 CG14)	20°30.4'N 157°54.7'W			Submarine pipeline [L40.1] with legend "Gas and Oil" between	10°58'35"S 36°57'18"W 10°59'11"S 36°56'59"W
19010	18Ed. Add	3/04 LAST NM 26/04 Superbuoy ODAS [Q58] "PICO" Y, Fl Y 3s (PA) (Priv)	36/04 20°30.2'N 157°59.8'W			Submarine pipeline [L40.1] with legend "Oil" between	11°05'52"S 36°57'38"W 11°06'44"S 36°58'09"W
		Buoy WR, Fl Y 3s (Priv) (30/04 CG14)	20°30.4'N 157°54.7'W	★25673	15Ed. Add	5/2/98 LAST NM 43/03 Tabulation of controlling depths from Subsection I-2 (NOS)	36/04
19013	17Ed. Delete	2/04 LAST NM 26/04 Superbuoy ODAS "PICO" (See 26/04-19013)	36/04 20°30.0'N 158°02.0'W	★25683	18Ed. Add	5/03 LAST NM 52/03 Tabulation of controlling depths from Subsection I-2 (NOS)	36/04
	Add	Superbuoy ODAS [Q58] "PICO" Y, Fl Y 3s (PA) (Priv)	20°30.2'N 157°59.8'W	★35044	9Ed. (NGA)	6/20/98 CHART CANCELED	36/04
		Buoy WR, Fl Y 3s (Priv) (30/04 CG14)	20°30.4'N 157°54.7'W	★37039	Ed. Delete	11/6/03 NEW CHART Buoy "Knob Gat" Buoy "E Mouse" (NGA; 20(2214)04 Taunton)	N36/04 51°32'04"N 1°05'22"E 51°32'57"N 1°06'30"E
★19340	26Ed. Delete	12/2/00 LAST NM 26/04 Superbuoy ODAS "PICO" (See 26/04-19340)	36/04 20°30.0'N 158°02.0'W	★37052	Ed. (NGA)	5/27/04 NEW CHART	N36/04
	Add	Superbuoy ODAS [Q58] "PICO" Y, Fl Y 3s (PA) (Priv)	20°30.2'N 157°59.8'W	★37139	8Ed. (NGA)	10/8/94 CHART CANCELED	36/04
		Buoy WR, Fl Y 3s (Priv) (30/04 CG14)	20°30.4'N 157°54.7'W	★37147	15Ed. (NGA)	2/15/97 CHART CANCELED	36/04
22259	4Ed. Change	9/5/92 LAST NM 2/04 Light to Fl R 3s 6m 7M with visible sector 129°-239° 33°01'37.0"S 71°34'47.2"W and delete legend "(Occas)" (3(33)04 Valparaiso)	36/04 33°01'34"S 71°34'48"W	37481	7Ed. Add	5/27/00 LAST NM 25/04 Buoy Y, spherical, Fl(5) Y 20s with legend "ODAS"	36/04 43°36'42"N 5°57'30"W
		Purple dashed line (anchorage limit) between 43°35'32"N 5°57'22"W 43°35'20"N 5°58'01"W				Purple dashed line (anchorage limit) between 43°36'10"N 5°57'04"W 43°36'36"N 5°57'26"W	
22264	2Ed. Change	9/21/96 LAST NM 41/03 Light to Fl R 3s 6m 7M and delete legend "Occas" (3(33)04 Valparaiso)	36/04 33°01'34"S 71°34'48"W			Purple dashed-line lesser arc of a circle (anchorage limit), radius 950 meters, centered 43°35'44"N 5°56'43"W	
22409	4Ed. Delete	5/20/83 LAST NM N22/03 (Right Panel) Antenna symbols (3) in vicinity (3(36)04 Valparaiso)	N36/04 49°07'08"S 74°26'10"W			43°35'32"N 5°57'22"W 43°36'10"N 5°57'04"W	
24133	6Ed. Delete	10/26/96 LAST NM 31/03 Buoy (YBY) (12(69)04 Rio de Janeiro)	36/04 25°29'39"S 48°29'53"W			43°36'36"N 5°57'26"W	
24161	11Ed. Change	6/8/96 LAST NM 33/04 Light to QY 13m 3M Light to QY 14m 3M (12(68)04 Rio de Janeiro)	36/04 22°49'18"S 43°09'10"W 22°48'10"S 43°09'03"W			Purple dashed-line lesser arc of a circle (anchorage limit), radius 950 meters, centered 43°35'44"N 5°56'43"W	
						43°35'32"N 5°57'22"W 43°36'10"N 5°57'04"W	

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SECTION I

NM 36/04

37481	(Continued)		
	Purple dashed-line lesser arc of a circle (anchorage limit), radius 1900 meters, centered	43°35'44"N 5°56'43"W 43°35'20"N 5°58'01"W 43°36'36"N 5°57'26"W	57°46.4'N 21°56.4'E 57°45.6'N 21°36.4'E
	Anchorage symbol (large vessels) [N10]	43°35'57"N 5°57'45"W	
	(Plan A)		
Relocate	Buoy from 43°35'48.0"N 5°57'36.0"W to 43°36'42.0"N 5°57'30.0"W		
Change	Legend "Dredged to 10m (1998)" to "0.6m (2000)"	43°35'35.0"N 5°56'11.0"W	"FORMER MINE DANGER AREA CAUTION NO 8" bound by purple composite line joining
	Legend "Dredged to 5.9m" to "5.2m (2000)"	43°35'26.0"N 5°55'43.0"W	57°36.5'N 22°46.4'E 57°40.5'N 22°48.3'E 57°39.2'N 22°57.4'E 57°35.0'N 22°55.6'E
Add	Purple dashed line (anchorage limit) between 43°35'32.3"N 5°57'22.0"W 43°35'20.0"N 5°58'00.8"W		"FORMER MINE DANGER AREA CAUTION NO 8" bound by shore and purple composite line joining
	Purple dashed line (anchorage limit) between 43°36'10.5"N 5°57'04.5"W 43°36'36.5"N 5°57'26.0"W		56°58.9'N 23°49.9'E 57°12.5'N 23°49.9'E 57°12.5'N 24°06.8'E 57°19.0'N 24°06.8'E 57°19.0'N 24°16.9'E 57°13.0'N 24°17.8'E 57°10.8'N 24°08.4'E 57°05.6'N 24°08.4'E
	Purple dashed-line lesser arc of a circle (anchorage limit), radius 950 meters, centered	43°35'44.1"N 5°56'42.9"W	Caution No. 8 to CAUTIONS note
	arc between	43°35'32.3"N 5°57'22.0"W 43°36'10.5"N 5°57'04.5"W	8. Due to residual danger of mines on the bottom, ships are advised to anchor in anchorage areas. It is recommended not to trawl, dredge, sail with a slack anchor or chain, or conduct similar type operations on or near the sea bottom. The probability of mines and other explosives must be taken into account." 57°35.0'N 24°20.0'E
	Purple dashed-line lesser arc of a circle (anchorage limit), radius 1900 meters, centered	43°35'44.1"N 5°56'42.9"W	Solid line (recommended track) [M3] joining
	arc between	43°35'20.0"N 5°58'00.8"W 43°36'36.5"N 5°57'26.0"W	57°37.6'N 21°45.0'E 57°37.4'N 21°47.5'E 57°39.1'N 21°54.2'E 57°40.1'N 22°03.8'E 57°44.2'N 22°21.6'E 57°47.5'N 22°31.9'E
	Anchorage symbol (large vessels) [N10]	43°35'57.0"N 5°57'45.0"W	
	(28(448)03 Cadiz; Spn CH 4052)		
44001	2Ed. 10/19/96 LAST NM 19/04	36/04	
Add	Legend "(Disused)" to Mine Laying Practice Area	56°51.5'N 20°26.0"E (1(6)02 Riga)	Legend "064°42'-244°42" to recommended track 57°38.5'N 21°50.0'E
44015	8Ed. 7/22/95 LAST NM 27/04	36/04	Legend "078°30'-258°30" to recommended track 57°40.0'N 22°00.0'E
Add	Legend "(Disused)" to Mine Exercise Area	56°48.0'N 20°34.0"E	Legend "067°00'-247°00" to recommended track 57°41.5'N 22°09.0'E
	Legend "CAUTION NO 1"	57°07.0'N 21°20.0'E (1(5, 6)02 Riga)	Legend "059°00'-239°00" to recommended track 57°46.0'N 22°27.0'E
44360	9Ed. 10/12/96 LAST NM 31/04	36/04	
Add	Dangerous submerged rock [K13] (30(664)02 Helsinki)	60°17.0'N 27°18.9"E	
44367	2Ed. 2/5/94 LAST NM 31/04	36/04	
Delete	Buoy	60°25'17"N 26°56'28"E	
Substitute	Depth 1 meter Rk [K14.2] enclosed by depth contour (5-meter) for submerged rock	60°17'00"N 27°19'02"E	Add Caution area bound by shore, chart border and purple composite line joining
Change	Shape of buoy to pillar	60°16'11"N 27°14'55"E	57°30.5'N 21°21.1'E 57°40.0'N 21°32.4'E 57°40.0'N 21°25.9'E 57°48.0'N 21°25.9'E 57°48.0'N 21°34.9'E 57°53.0'N 21°49.9'E 57°58.5'N 21°58.9'E
Add	Buoy YBY, pillar, double cone topmark points together	60°15'53"N 27°15'52"E	
	Dangerous submerged rock [K13]	60°16'59"N 27°18'56"E	Legend "FORMER MINE DANGER AREA CAUTION NO 2" 57°43.0'N 21°45.0'E
	(Plan A)		Legend "CAUTION NO 2" 57°57.0'N 22°23.0'E
Add	Buoy R, pillar, can topmark (30(663, 664)02 Helsinki)	60°27'35.4"N 26°59'24.6"E	Solid line (recommended track) [M3] joining
44400	4Ed. 9/7/96 LAST NM 31/04	36/04	57°38.8'N 21°34.4'E 57°37.4'N 21°47.5'E 57°39.1'N 21°54.2'E 57°40.1'N 22°03.8'E 57°42.2'N 22°13.0'E 57°47.8'N 22°30.0'E
	Purple composite line joining	57°51.3'N 21°45.0'E 57°53.0'N 21°49.9'E 57°58.5'N 21°58.9'E	
	Purple composite line joining	58°21.5'N 22°59.9"E 58°00.0'N 22°59.9"E 57°57.5'N 22°47.9"E	

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44410	(Continued)			
	Legend "101°30'-281°30'" to recommended track	57°38.0'N 21°40.0'E	Add Buoy Y, can, "X" topmark, Fl Y 5s [Q130.6]	41°30.6'N 12°33.7'E
	Legend "064°42'-244°42'" to recommended track	57°38.5'N 21°50.0'E	(20(2)03 Genova)	
	Legend "078°30'-258°30'" to recommended track	57°40.0'N 22°00.0'E		
	Legend "067°00'-247°00'" to recommended track	57°41.5'N 22°09.0'E	53130 1Ed. 9/9/89 LAST NM 18/03 Change Visibility (range) of light to 22M (1(2)04 Genova)	36/04 41°14.6'N 9°08.7'E
	Legend "059°00'-239°00'" to recommended track	57°46.0'N 22°27.0'E		
	(1(3, 5)02 Riga)			
44420	6Ed. 12/14/96 LAST NM 29/04	36/04		
Add	Legend "(Disused)" to Mine Exercise Area NO 234	56°49.5'N 20°27.0'E	53147 3Ed. 4/13/96 LAST NM 35/03 Delete Buoy (20(2)03 Genova)	36/04 41°33'36"N 12°30'35"E
	Legend "(Disused)" to Mine Exercise Area NO 236	56°42.5'N 20°47.0'E		
	Caution area bound by shore, chart border and purple composite line joining	57°20.0'N 21°27.9'E 57°25.0'N 21°14.9'E 57°40.0'N 21°32.4'E 57°40.0'N 21°25.9'E 57°45.0'N 21°25.9'E		
	Legend "FORMER MINE DANGER AREA CAUTION NO 8"	57°42.0'N 21°50.0'E	53220 6Ed. 9/27/86 LAST NM 12/04 Add Depth 30.2 meters "Rep (2004)" (PA) (31(3462)04 Taunton)	36/04 37°00.3'N 11°51.4'E
	"FORMER MINE DANGER AREA CAUTION NO 8" bound by shore and purple composite line joining	57°10.0'N 21°24.5'E 57°10.0'N 21°14.9'E 57°04.0'N 21°14.9'E 57°04.0'N 21°24.9'E		
	Solid line (recommended track) [M3] joining	57°38.8'N 21°34.4'E 57°37.4'N 21°47.5'E 57°39.1'N 21°54.2'E 57°40.1'N 22°03.8'E 57°42.2'N 22°13.0'E	53287 (INT 3350) 6Ed. 9/30/95 LAST NM 22/03 Change Visibility (range) of light to 22M (1(2)04 Genova)	36/04 41°14'42"N 9°08'42"E
	Legend "101°30'-281°30'" to recommended track	57°38.0'N 21°40.0'E	54105 3Ed. 8/31/02 LAST NM 10/04 Add Wreck [K29] (25(9)03 Genova)	36/04 42°56.4'N 14°16.0'E
	Legend "064°42'-244°42'" to recommended track	57°38.5'N 21°50.0'E		
	Legend "078°30'-258°30'" to recommended track	57°40.0'N 22°00.0'E	54115 3Ed. 8/31/02 LAST NM 10/04 Add Wreck [K29] (25(9)03 Genova)	36/04 42°56.4'N 14°16.0'E
	Legend "067°00'-247°00'" to recommended track	57°41.5'N 22°09.0'E		
	(1(3, 5, 6)02 Riga)		54120 5Ed. 9/19/92 LAST NM 10/04 Add Wreck [K29] (25(9)03 Genova)	36/04 42°56.4'N 14°16.0'E
52039	4Ed. 11/2/02 LAST NM 45/03	36/04		
Add	Buoy Y, spherical, F1(5) Y 20s with legend "ODAS"	36°04'51"N 5°24'47"W	54131 2Ed. 2/10/01 LAST NM 35/04 Add Wreck [K29] (25(9)03 Genova)	36/04 42°56.4'N 14°16.0'E
	(17(182)04 Cadiz)			
52043	21Ed. 7/4/98 LAST NM 26/04	36/04		
Add	Buoy Y, spherical, F1(5) Y 20s with legend "ODAS"	36°04'51.6"N 5°24'47.4"W	54346 9Ed. 4/3/04 LAST NM 35/04 Delete Legend "ANCHORING PROHIBITED" centered	36/04 37°56'32.5"N 23°36'24.0"E
	(17(182)04 Cadiz)			
52180	14Ed. 7/31/99 LAST NM 34/04	36/04	Purple composite line joining	37°56'12.0"N 23°37'12.0"E 37°56'23.0"N 23°36'04.0"E 37°56'30.0"N 23°35'51.0"E
Add	Depth 30.2 meters "Rep (2004)" (PA)	37°00.3'N 11°51.4'E		
	(31(3462)04 Taunton)			
53011	2Ed. 2/10/01 LAST NM 35/04	36/04	Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2	37°56'30.0"N 23°38'00.0"E
Add	Depth 30.2 meters "Rep (2004)" (PA)	37°00.3'N 11°51.4'E	(6(142)04 Athens; Gr CH 145)	
	(31(3462)04 Taunton)			
53106	6Ed. 5/20/00 LAST NM 33/03	36/04	55001 (INT 310) 4Ed. 1/21/95 LAST NM 21/04 Add Dangerous wreck [K28] (4(55)04 Constanta)	36/04 43°45.0'N 28°53.0'E
Delete	Double solid line (pier) between	44°02'00"N 10°02'05"E 44°02'01"N 10°02'04"E		
	(20(1)03 Genova)			
53110	1Ed. 7/22/89 LAST NM 17/03 (Panel A)	36/04	55060 7Ed. 2/15/97 LAST NM 21/04 Add Buoy Y, pillar, VQ Y (4(56)04 Constanta)	36/04 44°04'22.2"N 28°43'56.4"E
Change	Visibility (range) of light to 22M	41°14.6'N 9°08.7'E		
	(1(2)04 Genova)			
53120	14Ed. 7/3/99 LAST NM 13/04	36/04	55100 8Ed. 1/23/99 LAST NM 21/04 Add Dangerous wreck [K28] (4(55)04 Constanta)	36/04 43°45.0'N 28°53.0'E
Delete	Buoy	41°33.6'N 12°30.6'E		
			55120 2Ed. 6/15/96 LAST NM 28/04 Add Dangerous wreck [K28] (4(55)04 Constanta)	36/04 43°45.0'N 28°53.0'E
			62032 16Ed. 2/1/03 LAST NM 8/04 Add Platform [L10] with light flare symbol (27(303)04 Taunton)	36/04 26°30.7'N 52°12.2'E
			62033 3Ed. 2/1/03 LAST NM N8/04 Add Platform [L10] with light flare symbol (27(303)04 Taunton)	N36/04 26°30.7'N 52°12.2'E

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NM 36/04

62460	4Ed. 8/26/95 LAST NM 9/04 Add Buoy (mooring) [Q40] Y (27(3058)04 Taunton)	36/04 25°42'36"N 54°19'54"E	71460	1Ed. 9/26/87 LAST NM 23/03 Add Wreck [K29] (15(103)04 Jakarta)	36/04 1°44.6'N 107°58.0"E
62480	2Ed. 3/1/03 LAST NM 9/04 Add Platform [L10] with light flare symbol (27(3033)04 Taunton)	36/04 26°30.7'N 52°12.2"E	73000	9Ed. 2/3/96 LAST NM 35/04 Add Wreck [K29] Wreck [K29] (9(63), 16(113)04 Jakarta)	36/04 5°04.0'S 121°33.0"E 1°03.7'S 125°03.1"E
62490	2Ed. 3/1/03 LAST NM 35/04 Add Platform [L10] with light flare symbol (27(3033)04 Taunton)	36/04 26°30.7'N 52°12.2"E	73008	8Ed. 3/9/96 LAST NM 23/03 Add Wreck [K29] (16(113)04 Jakarta)	36/04 5°04.0'S 121°33.0"E
62510	3Ed. 2/1/03 LAST NM 9/04 Add Buoy (mooring) [Q40] Y (27(3058)04 Taunton)	36/04 25°42.6'N 54°19.9"E	73012	6Ed. 1/18/03 LAST NM 11/03 Add Wreck [K29] (9(63)04 Jakarta)	36/04 1°03.8'S 125°03.1"E
62512	3Ed. 2/1/03 LAST NM N9/04 Add Buoy (mooring) [Q40] Y (27(3058)04 Taunton)	36/04 25°42.6'N 54°19.9"E	73014	10Ed. 4/5/80 LAST NM 35/04 Add Wreck [K29] (17(121)04 Jakarta)	36/04 3°43.0'N 126°47.0"E
62520	6Ed. 3/15/03 LAST NM 9/04 Add Platform "WHP-6" [L2] with light flare symbol (27(3033)04 Taunton)	36/04 26°30.7'N 52°12.2"E	74206	3Ed. 4/04 LAST NM 32/04 Delete Title "WEST INDIES" in upper center margin (Aus CH 244)	36/04
62521	4Ed. 3/15/03 LAST NM N9/04 Add Platform "WHP-6" [L2] with light flare symbol (27(3033)04 Taunton)	36/04 26°30.7'N 52°12.2"E	74393	9Ed. 10/30/99 LAST NM 13/04 Delete Anchorage area and quarantine anchorage symbol in vicinity	36/04 12°28.65'S 130°49.70"E
62550	3Ed. 2/22/03 LAST NM 17/04 Add Platform "WHP-6" [L2] with light flare symbol (27(3033)04 Taunton)	36/04 26°30'42"N 52°12'11"E	Add Anchor berth "A" [N11.2], radius 465 meters, centered 12°19.50'S 130°40.70"E Anchor berth "A1" [N11.2], radius 340 meters, centered 12°19.00'S 130°42.40"E Anchor berth "A2" [N11.2], radius 340 meters, centered 12°19.50'S 130°42.80"E Anchor berth "A3" [N11.2], radius 340 meters, centered 12°20.00'S 130°43.22"E Anchor berth "B1" [N11.2], radius 340 meters, centered 12°22.50'S 130°45.10"E Anchor berth "B2" [N11.2], radius 340 meters, centered 12°23.00'S 130°45.50"E Anchor berth "B4" [N11.2], radius 340 meters, centered 12°24.00'S 130°46.30"E Anchor berth "B5" [N11.2], radius 340 meters, centered 12°27.60'S 130°47.10"E Anchor berth "C1" [N11.2], radius 455 meters, centered 12°28.91'S 130°49.41"E Anchor berth "C2" [N11.2], radius 430 meters, centered 12°29.42'S 130°49.60"E Anchor berth "C3" [N11.2], radius 260 meters, centered 12°29.90'S 130°49.10"E Anchor berth "C4" [N11.2], radius 260 meters, centered 12°28.84'S 130°49.80"E Anchor berth "C5" [N11.2], radius 260 meters, centered 12°28.88'S 130°50.23"E Anchor berth "C6" [N11.2], radius 210 meters, centered 12°28.98'S 130°50.47"E Anchor berth "C7" [N11.2], radius 210 meters, centered 12°28.99'S 130°50.93"E		
71009	3Ed. 8/10/85 LAST NM 7/03 Add Dangerous wreck [K28] (5(29)03 Jakarta)	36/04 0°25.8'S 99°47.0"E		Purple heavy solid line (traffic separation zone) joining	12°28.59'S 130°50.29"E 12°28.55'S 130°49.88"E 12°28.33'S 130°49.08"E 12°28.02'S 130°48.81"E
71027	9Ed. 9/19/98 LAST NM 34/04 Add Wreck [K29] (15(103)04 Jakarta)	36/04 1°44.6'N 107°58.0"E		Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 286° 12°28.35'S 130°49.50"E	
71033	31Ed. 2/3/96 LAST NM 23/03 Add Dangerous wreck [K28] (18(126)04 Jakarta)	36/04 3°10.0'S 107°10.6"E		Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 106° 12°28.47'S 130°49.15"E	
71045	2Ed. 3/20/99 LAST NM 23/03 Add Dangerous wreck [K28] (16(112)03 Jakarta)	36/04 5°35.0'N 95°10.2"E	74394	2Ed. 10/3/98 LAST NM 13/04 Delete "QUARANTINE ANCHORAGE" area in vicinity	36/04 12°28'39.0"S 130°49'42.0"E
71050	2Ed. 5/1/99 LAST NM 31/99 Add Dangerous wreck [K28] (16(112)03 Jakarta)	36/04 5°35'00"N 95°10'12"E	Change Designation of buoy "Quarantine 10" to "No 10"	12°28'32.0"S 130°49'53.0"E	
71091	4Ed. 10/18/97 LAST NM 2/03 Add Dangerous wreck [K28] (16(112)03 Jakarta)	36/04 5°35.00'N 95°10.20"E			
71140	6Ed. 4/5/86 LAST NM 1/03 Add Dangerous wreck [K28] (5(29)03 Jakarta)	36/04 0°25'50"S 99°47'00"E			
71210	18Ed. 9/2/95 LAST NM 27/03 Add Dangerous wreck [K28] (18(126)04 Jakarta)	36/04 3°10.0'S 107°10.6"E			
71211	4Ed. 8/19/95 LAST NM 38/02 Add Dangerous wreck [K28] (18(126)04 Jakarta)	36/04 3°10'00"S 107°10'35"E			
71265	3Ed. 6/8/02 LAST NM 34/04 Change Height of light to 182m (BA LL)	36/04 1°16'48"N 103°43'30"E			

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SECTION I

74394 (Continued)

Add	Anchor berth "B1" [N11.2], radius 340 meters, centered	12°22'30.0"S 130°45'06.0"E
	Anchor berth "B2" [N11.2], radius 340 meters, centered	12°23'00.0"S 130°45'30.0"E
	Anchor berth "B4" [N11.2], radius 340 meters, centered	12°24'00.0"S 130°46'18.0"E
	Anchor berth "B5" [N11.2], radius 340 meters, centered	12°27'36.0"S 130°47'06.0"E
	Anchor berth "C1" [N11.2], radius 450 meters, centered	12°28'54.3"S 130°49'24.3"E
	Anchor berth "C2" [N11.2], radius 450 meters, centered	12°29'25.2"S 130°49'36.0"E
	Anchor berth "C3" [N11.2], radius 260 meters, centered	12°29'54.0"S 130°49'06.0"E
	Anchor berth "C4" [N11.2], radius 260 meters, centered	12°28'50.4"S 130°49'48.2"E
	Anchor berth "C5" [N11.2], radius 260 meters, centered	12°28'52.8"S 130°50'13.7"E
	Anchor berth "C6" [N11.2], radius 210 meters, centered	12°28'58.8"S 130°50'28.1"E
	Anchor berth "C7" [N11.2], radius 210 meters, centered	12°28'59.5"S 130°50'55.8"E
	Purple tint area (traffic separation zone) bound by limit joining	12°28'35.4"S 130°50'17.3"E 12°28'33.0"S 130°49'52.8"E 12°28'19.6"S 130°49'04.7"E 12°28'00.9"S 130°48'48.6"E 12°28'00.3"S 130°48'49.1"E 12°28'19.2"S 130°49'05.0"E 12°28'32.4"S 130°49'52.9"E 12°28'34.8"S 130°50'17.4"E
	Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 286°	12°28'22.8"S 130°49'28.0"E
	Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 106°	12°28'29.0"S 130°49'25.0"E
	Purple dashed line with legend "Obstruction" joining	12°32'51.5"S 130°50'35.0"E 12°32'35.5"S 130°50'23.5"E 12°32'26.0"S 130°50'36.8"E 12°32'51.5"S 130°50'54.0"E
	Buoy pillar, Fl Y 5s	12°32'29.2"S 130°50'30.3"E
Delete	(Plan) "Quarantine Anchorage" area in vicinity	12°28'40.0"S 130°49'42.0"E
Change	Designation of buoy "Quarantine 10" to "No 10"	12°28'32.4"S 130°49'52.9"E
	Buoy to Y, conical, Fl R 4s	12°28'09.6"S 130°51'03.6"E
Add	Anchor berth "C1" [N11.2], radius 455 meters, centered	12°28'54.3"S 130°49'24.3"E
	Anchor berth "C4" [N11.2], radius 260 meters, centered	12°28'50.4"S 130°49'48.2"E
	Anchor berth "C5" [N11.2], radius 260 meters, centered	12°28'52.8"S 130°50'13.7"E
	Anchor berth "C6" [N11.2], radius 210 meters, centered	12°28'58.8"S 130°50'28.1"E
	Anchor berth "C7" [N11.2], radius 210 meters, centered	12°28'59.5"S 130°50'55.8"E
	Purple tint area (traffic separation zone) bound by limit joining	12°28'35.4"S 130°50'17.3"E 12°28'33.0"S 130°49'52.8"E 12°28'19.6"S 130°49'04.7"E 12°28'00.9"S 130°48'48.6"E 12°28'00.3"S 130°48'49.1"E 12°28'19.2"S 130°49'05.0"E 12°28'32.4"S 130°49'52.9"E 12°28'34.8"S 130°50'17.4"E
	Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 276°	12°28'32.5"S 130°50'05.7"E
	Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 286°	12°28'24.0"S 130°49'30.0"E
	Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 320°	12°28'10.0"S 130°48'59.5"E
	Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 140°	12°28'12.8"S 130°48'56.3"E

Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 106°

Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 096°

Land tint to area bound by shore and solid line with legend "Ramp" [F23] joining

and delete depths, depth contours and blue tint within above area

(26(906)03, 1(50)04 Wollongong; Aus CH 26, 28)

75051	6Ed.	1/23/99 LAST NM 11/04	36/04
	Delete	Anchoring prohibited area in vicinity	35°02'00"S 117°56'36"E
	Change	Spot height "125" to "118" Period of buoy to 4s Legend to "252°"	35°01'51"S 117°54'45"E 35°02'48"S 117°55'27"E 35°01'36"S 117°57'30"E
		Legend to "(marked by Fl(6) Y 8s light)"	35°04'43"S 117°58'09"E
	Add	Anchor berth [N11.2], radius 560 meters, centered	35°02'48"S 117°56'00"E
		Anchor berth [N11.2], radius 560 meters, centered	35°02'24"S 117°56'36"E
		Anchor berth [N11.2], radius 560 meters, centered	35°03'06"S 117°57'11"E
		Anchor berth [N11.2], radius 560 meters, centered	35°03'42"S 117°57'48"E
		Anchor berth [N11.2], radius 560 meters, centered	35°01'18"S 117°57'12"E
		Anchor berth [N11.2], radius 560 meters, centered	35°01'36"S 117°58'36"E
		Anchor berth [N11.2], radius 560 meters, centered	35°02'24"S 117°58'36"E
		Anchoring prohibited area [N20] bound by purple composite line joining	35°01'29"S 117°57'59"E 35°03'13"S 117°57'59"E 35°01'56"S 117°56'38"E 35°01'51"S 117°56'36"E
	Delete	(Plan) Dashed line joining	35°02'22.5"S 117°54'14.2"E 35°02'27.3"S 117°54'14.2"E 35°02'16.0"S 117°53'56.2"E
		Legend "10m"	35°02'23.0"S 117°54'09.5"E
		Buoy (See 5/04-75051)	35°02'26.8"S 117°54'17.5"E
	Substitute	Beacon for position circle "Pile"	35°02'00.5"S 117°52'55.0"E
		Beacon, cone topmark, Iso 8s 4M for light	35°02'40.4"S 117°54'27.5"E
		Beacon, cone topmark point downward, Iso 2s 5M for light	35°02'45.0"S 117°54'39.5"E
		Beacon "12" R, can topmark, Fl R 3s 3M for light	35°02'46.8"S 117°54'16.3"E
	Change	Legend to "Maintained depth 10.2m"	35°02'10.8"S 117°53'32.0"E
		Legend to "10.5m"	35°02'03.2"S 117°53'34.0"E
		Legend to "8.9m"	35°02'14.3"S 117°53'58.0"E
		Legend to "Lights in line 117°18"	35°02'24.0"S 117°53'51.0"E
		Legend to "Dredged to 12.6 meters"	35°02'20.5"S 117°54'58.5"E
		Legend to "Dredged to 12.9 meters"	35°02'14.2"S 117°55'21.5"E
		Legend to "Lights in line 252°"	35°02'16.5"S 117°55'11.0"E
		Beacon "16" to R, Fl R 3s 3M	35°02'13.0"S 117°53'21.8"E
		Beacon "14" to R, Fl R 3s 3M	35°02'18.7"S 117°53'35.5"E
		Beacon "10" to R, Fl R 1.5s 9m 2M	35°02'33.5"S 117°54'20.5"E

(continued on next page)

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75051	(Continued)				
	Beacon "9" to G, Fl G 3s 9m 2M				
		35°02'17.5"S 117°53'56.0"E			
	Period of buoy (mooring) to 4s	35°02'44.2"S 117°55'28.5"E			
Add	Light F Bu	35°01'58.8"S 117°53'21.7"E			
	Solid line (jetty) [F14] between	35°02'21.9"S 117°54'16.8"E			
		35°02'23.2"S 117°54'16.8"E			
	Solid line (jetty) [F14] between	35°02'22.2"S 117°54'29.4"E			
		35°02'23.0"S 117°54'29.4"E			
	Solid line with legend "Conveyor" between	35°02'19.5"S 117°54'24.0"E			
		35°02'23.3"S 117°54'24.0"E			
	Legend "Ataturk Entrance"	35°02'24.5"S 117°54'45.0"E			
	Beacon	35°02'32.0"S 117°54'46.0"E			
	(153)04 Wollongong; Aus CH 109)				
75052	2Ed. 8/8/98 LAST NM 11/04		36/04		
Delete	Anchorage area and legend "Anchoring Prohibited" in vicinity	35°01'55.8"S 117°56'34.8"E			
Change	Spot height "125" to "118"	35°01'46.5"S 117°54'54.0"E			
	Legend to "12.6m"	35°02'21.5"S 117°54'55.5"E			
	Legend to "Lts in line 252"	35°01'46.0"S 117°57'00.0"E			
	Period of buoy to 4s	35°02'44.4"S 117°55'28.2"E			
	Legend to "Dredged to 12.9 meters"	35°02'11.0"S 117°55'34.5"E			
Add	"ANCHORING PROHIBITED" area [N20]				
	bound by purple composite line joining	35°01'29.4"S 117°57'59.4"E			
		35°03'12.6"S 117°57'59.4"E			
		35°01'56.4"S 117°56'38.4"E			
		35°01'51.0"S 117°56'36.0"E			
	Anchor berth "A" [N11.2], radius 560 meters, centered	35°02'48.0"S 117°56'00.0"E			
	Anchor berth "B" [N11.2], radius 560 meters, centered	35°02'24.0"S 117°56'36.0"E			
	Anchor berth "C" [N11.2], radius 560 meters, centered	35°03'06.0"S 117°57'11.4"E			
	Anchor berth "D" [N11.2], radius 560 meters, centered	35°03'42.0"S 117°57'48.0"E			
	Anchor berth "E" [N11.2], radius 560 meters, centered	35°01'18.0"S 117°57'12.0"E			
	Anchor berth "F" [N11.2], radius 560 meters, centered	35°01'36.0"S 117°58'36.0"E			
	Anchor berth "G" [N11.2], radius 560 meters, centered	35°02'24.0"S 117°58'36.0"E			
	(153)04 Wollongong; Aus CH 109)				
81001	1Ed. 9/2/89 LAST NM 47/01		36/04		
Add	Wreck [K29]	3°43.0'N 126°47.0'E			
	(17(121)04 Jakarta)				
82304	5Ed. 5/3/80 LAST NM 31/01		36/04		
Change	Light to Fl 10s 5m 3M	7°51'45"S 156°29'38"E			
	(BA LL)				
91005	6Ed. 6/15/96 LAST NM 42/03		36/04		
Add	Depth 2 fathoms 4 feet "Rep (2003)" (PA), blue tint and enclosing depth contour (10-fathom) centered	10°24.5'N 119°56.6"E			
	(BA CH 3809)				
92006	5Ed. 3/13/99 LAST NM 10/04		36/04		
Add	Wreck [K29]	3°43.0'N 126°47.0'E			
	(17(121)04 Jakarta)				
92020	2Ed. 2/8/86 LAST NM 19/02		36/04		
Add	Depth 5 meters "Rep (2003)" (PA), blue tint and enclosing depth contour (5-meter) centered	10°24.5'N 119°56.6"E			
	(BA CH 3809)				
92030	4Ed. 1/22/83 LAST NM 30/04		36/04		
Delete	Dangerous wreck (Supersedes 30/04-92030)	(15(1578)00 Taunton)			
92033	5Ed. 8/16/86 LAST NM 45/02		36/04		
Add	Depth 2 3/4 fathoms "Rep (2003)" (PA), blue tint and enclosing depth contour (10-fathom) centered	(BA CH 3809)	10°24.5'N 119°56.6"E		
92350	4Ed. 11/9/96 LAST NM 30/04		36/04		
Delete	Dangerous wreck (Supersedes 30/04-92350)	(15(1578)00 Taunton)			
92356	2Ed. 4/30/77 LAST NM 30/04		36/04		
Delete	Dangerous wreck (Supersedes 30/04-92356)	(15(1578)00 Taunton)	10°36'47"N 122°26'54"E		
92500	1Ed. 2/1/54 LAST NM 20/91		36/04		
Add	Depth 2 3/4 fathoms "Rep (2003)" (PA), blue tint and enclosing depth contour (10-fathom) centered	(BA CH 3809)	10°24'32"N 119°56'36"E		
95016	8Ed. 12/16/95 LAST NM 29/04		36/04		
Delete	Platform (lighted)		38°03.1'N 139°06.4"E		
	Submarine pipeline in vicinity		38°01.2'N 139°08.0"E		
Add	Submarine cable [L30.1] joining		37°51.4'N 138°54.0"E		
			37°52.9'N 138°52.2"E		
			37°52.0'N 138°48.1"E		
			37°54.5'N 138°30.3"E		
			37°55.2'N 138°29.5"E		
	(39(1581), 40(1627)99 Tokyo)				
95250	4Ed. 7/12/97 LAST NM 31/04		36/04		
Add	Light Fl R 3s 8m 3M	(39(1583)99 Tokyo)	41°14.2'N 140°23.6"E		
95261	7Ed. 8/17/96 LAST NM 31/04		36/04		
Delete	Submarine pipeline in vicinity		38°01'12"N 139°08'00"E		
	Platform		38°03'08"N 139°06'21"E		
Add	Submarine cable [L30.1] joining		37°54'08"N 138°33'14"E		
			37°54'33"N 138°30'18"E		
			37°55'13"N 138°29'30"E		
	(39(1581), 40(1627)99 Tokyo)				
95273	2Ed. 4/23/94 LAST NM 12/04		36/04		
Delete	Submarine pipeline and legend "OIL SEE CAUTION" in vicinity		38°01'12.0"N 139°08'18.0"E		
	Platform		38°03'08.0"N 139°06'21.0"E		
Add	Solid line (jetty) [F14] joining		37°54'54.5"N 139°00'19.6"E		
			37°54'53.0"N 139°00'16.6"E		
			37°54'45.1"N 139°00'23.9"E		
	(40(1626), 1627)99 Tokyo)				
95274	4Ed. 1/10/04 LAST NM 25/04		36/04		
Change	Visibility (range) of light to 4M	(39(1582)99 Tokyo; Jpn LL)	37°57'39"N 138°20'06"E		
96200	5Ed. 12/21/96 LAST NM 34/04		36/04		
Change	Visibility (range) of beacon to 8M	(38(1545)99 Tokyo; Jpn LL)	45°25'38"N 141°44'57"E		
96763	7Ed. 8/22/98 LAST NM 26/04		36/04		
Delete	Buoy	(40(1623)99 Tokyo)	42°59'39.0"N 144°19'04.0"E		
96937	2Ed. 1/16/99 LAST NM 40/02		36/04		
Change	Visibility (range) of beacon to 8M	(38(1545)99 Tokyo; Jpn LL)	45°25'38.0"N 141°44'57.0"E		

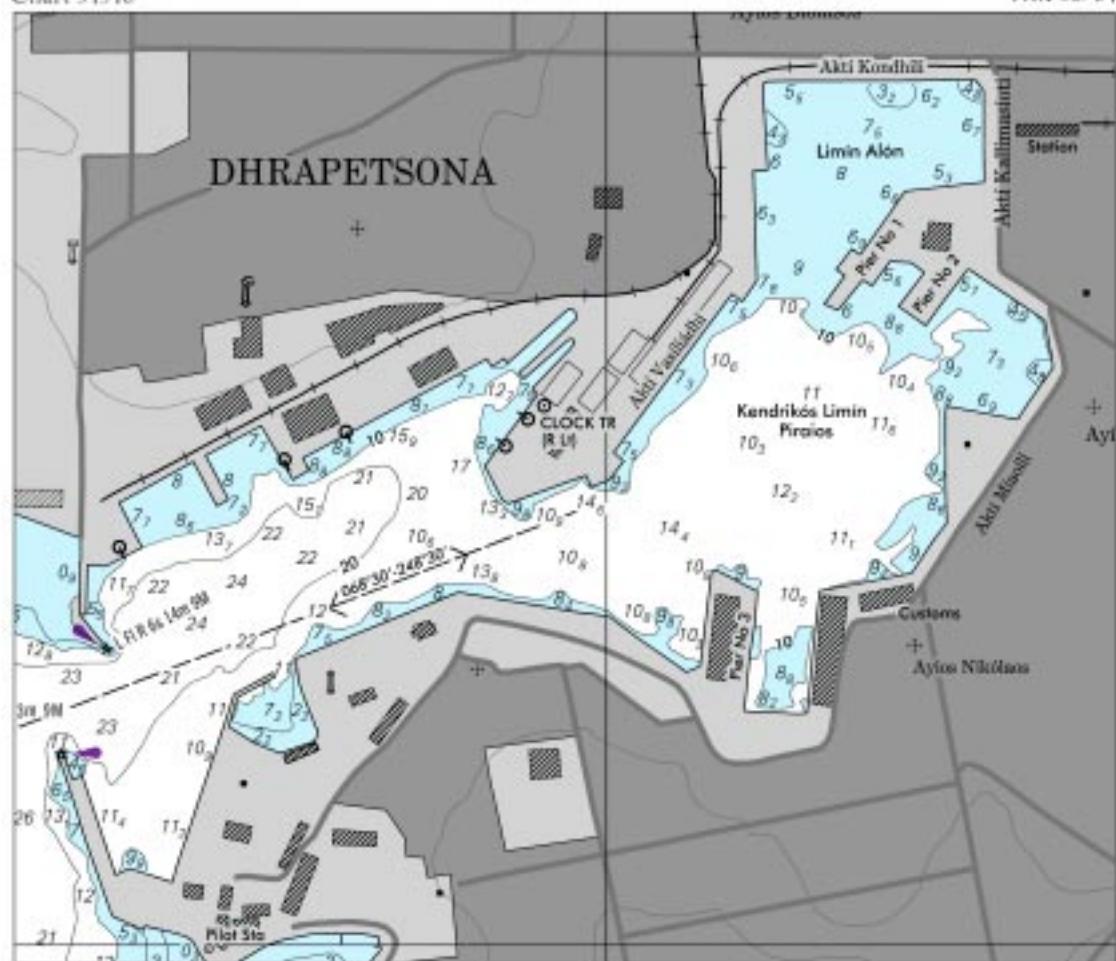
96938	4Ed. 1/18/97 LAST NM 34/04 Change Visibility (range) of beacon to 8M	36/04 45°25'38"N 141°44'57"E (38(1545)99 Tokyo; Jpn LL)	97263	10Ed. 1/24/98 LAST NM 31/04 Add Dangerous wreck [K28]	36/04 34°08'48.0"N 132°56'36.0"E (24(660)04 Tokyo)
96941	8Ed. 5/31/97 LAST NM 32/04 Change Visibility (range) of light to 3M	36/04 42°59.2'N 140°30.6'E (40(1624)99 Tokyo)	97521	6Ed. 3/14/98 LAST NM 20/03 (Plan F) Delete Submarine cable between	36/04 34°11'42"N 139°25'06"E 34°04'20"N 139°28'45"E
96943	15Ed. 12/9/95 LAST NM 26/04 Add Light Fl R 3s 8m 3M	36/04 41°14'14"N 140°23'39"E (39(1583)99 Tokyo)		Submarine cable between	34°04'20"N 139°28'45"E 33°58'58"N 139°41'03"E
96945	3Ed. 2/1/97 LAST NM 34/04 Change Light to Fl R 3s 6m 3M	36/04 42°59'13"N 140°30'36"E (40(1624)99 Tokyo; Jpn LL)	97521	(Plan K) Delete Submarine cable between	33°09'17.0"N 139°50'44.0"E 33°07'59.0"N 139°48'14.5"E
96960	3Ed. 5/10/97 LAST NM 34/04 Change Visibility (range) of beacon to 8M	36/04 45°25.6'N 141°45.0'E (38(1545)99 Tokyo; Jpn LL)	97521	(Plan L) Delete Submarine cable between	33°17'54"N 139°53'28"E 33°08'00"N 139°48'20"E (40(1629)99 Tokyo)
97029	3Ed. 7/19/86 LAST NM 34/04 Delete Submarine cable joining	36/04 34°44.7'N 139°21.3'E 34°46.9'N 139°13.3'E 34°54.7'N 139°08.3'E	809679	2Ed. 2/22/86 LAST NM N27/03 Delete Buoy (Navy maintd)	N36/04 32°35'15"N 117°08'12"W Note: Danger circle "Subm Obstr" remains (29/04 CG11)
	Submarine cable joining	34°44.7'N 139°21.3'E 34°27.9'N 139°26.5'E 34°04.4'N 139°28.6'E			
	Submarine cable joining	34°04.4'N 139°28.6'E 33°57.0'N 139°44.0'E 33°08.0'N 139°47.9'E (40(1629)99 Tokyo)			
97083	3Ed. 11/29/97 LAST NM 27/04 Change Buoy to Y, pillar, (Y Lt) (See 26/98-97083)	36/04 38°16'19.0"N 141°02'22.5"E			
	Add Buoy Y, pillar, (Y Lt) Buoy Y, pillar, (Y Lt)	38°16'26.0"N 141°02'40.0"E 38°16'26.0"N 141°02'09.0"E (39(1584)99 Tokyo)			
97140	17Ed. 6/28/97 LAST NM 34/04 Delete Submarine cable joining	36/04 34°44.5'N 139°21.3'E 34°46.9'N 139°13.3'E 34°54.7'N 139°08.3'E			
	Submarine cable joining	34°44.5'N 139°21.3'E 34°27.9'N 139°26.5'E 34°10.2'N 139°25.4'E (40(1629)99 Tokyo)			
97145	1Ed. 2/16/91 LAST NM 32/04 Delete Submarine cable between	36/04 34°44'40"N 139°21'16"E 34°45'10"N 139°16'15"E			
	Submarine cable between	34°44'40"N 139°21'16"E 34°38'45"N 139°20'58"E (40(1629)99 Tokyo)			
97159	6Ed. 8/3/91 LAST NM 34/04 Change Light to Fl R 4s 13m 4M	36/04 (40(1630)99 Tokyo; Jpn LL)			
97182	13Ed. 1/1/94 LAST NM 28/04 Delete Buoy	36/04 (38(1552)99 Tokyo; Jpn CH W1053)			
97241	6Ed. 2/21/98 LAST NM 30/04 Add Position circle "G Lt" Position circle "R Lt"	36/04 33°51'45.1"N 132°42'01.8"E 33°51'44.9"N 132°41'58.6"E (38(1555)99 Tokyo)			
97262	10Ed. 1/24/98 LAST NM 31/04 Add Dangerous wreck [K28]	36/04 (24(660)04 Tokyo)			
	34°08'48.0"N 132°56'36.0"E				

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Chart 54346

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SECTION I

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Chart 11505

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SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (MLLW FEET)
TYBEE RANGE	44.0	42.5	44.0	43.0	06-04	600	3.3	44
BLOODY POINT RANGE	44.0	43.5	43.5	41.0	06-04	600	3.0	44
JONES ISLAND RANGE	43.5	43.0	44.0	44.0	06-04	600	1.2	44
TYBEE KNOLL CUT RANGE	42.5	44.0	43.5	44.0	06-04	500	2.5	42

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.

NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.

NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11512

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SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (MLLW FEET)
TYBEE RANGE	44.0	42.5	44.0	43.0	06-04	600	3.3	44
BLOODY POINT RANGE	44.0	43.5	43.5	41.0	06-04	600	3.0	44
JONES ISLAND RANGE	43.5	43.0	44.0	44.0	06-04	600	1.2	44
TYBEE KNOLL CUT RANGE	42.5	44.0	43.5	44.0	06-04	500	2.5	42
NEW CHANNEL RANGE (A)	41.0	42.5	43.5	43.0	06-04	500	1.6	42
L. I. CROSSING RANGE	43.0	44.0	44.5	42.0	06-04	500	2.6	42
LOWER FLATS RANGE	43.5	45.0	46.0	43.5	06-04	500	1.3	42
UPPER FLATS RANGE	47.0	45.0	46.0	43.0	06-04	500	1.2	42
THE BIGHT CHANNEL	46.0	46.0	47.5	46.0	06-04	500	1.5	42
FT. JACKSON RANGE	47.0	47.0	48.0	46.0	06-04	500	0.7	42
OGLETHORPE RANGE	44.5	46.0	46.0	45.0	06-04	500	1.2	42
WRECKS CHANNEL (B)	40.0	45.5	48.0	46.0	06-04	500	1.5	42
CITY FRONT CHANNEL	42.0	44.0	44.0	37.5	06-04	500	1.5	42
MARSH ISLAND CHANNEL (C)	41.0	44.0	44.0	42.0	06-04	500	1.7	42
KINGS ISLAND CHANNEL (D)	36.5	40.0	37.0	38.0	06-04	500	2.1	42
WHITEHALL CHANNEL (E)	32.0	38.0	38.0	39.0	06-04	400	0.6	42-36
PORT WENTWORTH CHANNEL (F)	30.0	32.0	31.5	32.0	12-94; 06-04	200	1.2	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 42.5 FT, 38.0 FT 100 FT FROM BACKSIDE.
 B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.5 FT, 29.0 FT 100 FT FROM BACKSIDE.
 C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 28.0 FT 100 FT FROM BACKSIDE.
 D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 39.0 FT, 42.5 FT 100 FT FROM BACKSIDE.
 E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 39.0 FT 100 FT FROM BACKSIDE.
 F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 30.0 FT, 25.0 FT 100 FT FROM BACKSIDE.

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.

NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.

NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

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Chart 11514 (Side A)

NM 36/04

SAVANNAH RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET)
OGLETHORPE RANGE	44.5	46.0	46.0	45.0	06-04	500	1.2 42
WRECKS CHANNEL (A)	40.0	45.5	48.0	46.0	06-04	500	1.5 42
CITY FRONT CHANNEL	42.0	44.0	44.0	37.5	06-04	500	1.5 42
MARSH ISLAND CHANNEL (B)	41.0	44.0	44.0	42.0	06-04	500	1.7 42
KINGS ISLAND CHANNEL (C)	36.5	40.0	37.0	38.0	06-04	500	2.1 42
WHITEHALL CHANNEL (D)	32.0	38.0	38.0	39.0	06-04	400	0.6 42-36
PORT WENTWORTH CHANNEL (E)	30.0	32.0	31.5	32.0	12-94; 06-04	200	1.2 30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.5 FT, 29.0 FT 100 FT FROM BACKSIDE.
 B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 28.0 FT 100 FT FROM BACKSIDE.
 C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 39.0 FT, 42.5 FT 100 FT FROM BACKSIDE.
 D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 39.0 FT 100 FT FROM BACKSIDE.
 E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 30.0 FT, 25.0 FT 100 FT FROM BACKSIDE.

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
 NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
 NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 25673

NM 36/04

MAYAGUEZ HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUNE 2004 AND SURVEYS TO APR 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET)
APPROACH CHANNEL	A22.5	30.1	30.3	A29.2	4-04	1000-500	0.4 30
TERMINAL CHANNEL	B21.5	B21.4	B21.0	B15.1	4-04	500	0.2 30

A. SHOALING ALONG NORTH EDGE OF CHANNEL OPPOSITE RED BUOY-6. SHOALING ALSO ALONG SOUTH EDGE OF CHANNEL FROM 800 FEET SEAWARD OF RED BUOY-6 AND EXTENDING 400 FEET EASTWARD.
 B. SHOALING ALONG SOUTH AND EAST PERIMETER OF BASIN, EXTENDING NORTH OF BUOY-10. LEAST DEPTH OCCURRING IN SOUTHEAST CORNER OF BASIN.
 NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 25683

NM 36/04

PONCE HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET)
ENTRANCE CHANNEL	38.2	38.6	39.3	38.5	4-04	600-1200	2.9 36
TURNING BASIN	36.1	35.1	35.8	21.2	4-04	1200-780	0.4 36

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 21/03 THROUGH NM 36/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
97206	3	50/03*;13/04	97421	13	26,36/03
97218	3	33/03	97423	2	26,36/03;10,17/04
97219	4	23,25,47/03;13,27/04	97425	6	45/03;1,2,23,28/04
97220	3	23,29,33,46,49/03;6, 18/04	97440	8	27,43,47/03;9,30,34/04
97221	20	22,23,25,26,29,33,46/03; 6,7,11,13,17,18,24,27, 33/04	97441	5	47/03;14/04
97222	12	22,29/03;11,17,24,27/04	97443	6	25,47/03
97223	3	22,23,46/03;21/04	97460	7	21,47/03;9,23,26,34/04
97224	6	45/03;11/04	97461	9	21,22,23,26/03;9,26, 34/04
97225	32	21*,27/04	97465	9	22,33,37/03;6,12,26/04
97226	7	41/03;6,22/04	97466	2	23,27/03
97227	11	30,34/03	97469	10	22,33,37/03;6,12,30/04
97228	15	21,22,27,29,35,49,52/03; 7,34/04	97471	5	N22,N33/03;N6,N10, N12/04
97229	12	28,33/03;18,30/04	97472	8	33/03
97230	18	28,33/03	97474	7	22/03;26/04
97231	11	23,33/03	97480	7	21/03;15,23/04
97232	9	75*,23/04	97483	7	11/04
97233	12	15*,17/04	97501	2	21*,23/04
97234	17	41/03;7,22,24,33/04	97521	6	36/04
97235	2	52/03*	800669	8	N1,N16,N34/04
97236	20	23,35,41/03;13,22,34/04	800744	1	N36,N47,N50/03;N10, N30/04
97237	6	41/03	801217	1	N22,N33,N37/03;N6, N12,N26/04
97238	11	12/04	801885	3	N34/03
97239	10	23/03	801902	9	N25,N31/03;N14,N29/04
97241	6	1,23,27,30,36/04	801953	1	N39,N52/03
97243	8	21,27,33/03;14,22/04	802260	5	N1,N23,N34/04
97245	11	29/03	803404	2	N8/04
97246	7	13,25/04	804059	2	N43/03
97251	4	36,52/03	804567	4	N31/03;N9,N32/04
97261	15	21,26,44/03;1,13,22,23, 24,27,31/04	805118	3	N36/03;N12,N24/04
97262	10	21,26,33,46/03;2,13,14, 22,31,36/04	805647	2	N30/03;N8,N13/04
97263	10	21,46/03;2,14,31,36/04	805980	4	N23/04
97266	5	26,42/03;1,2,7,23,27,31, 32/04	806927	8	N25,N30,N39/03;N29/04
97267	16	26,27,42/03;7,9,13,32/04	807370	5	N25,N30,N31,N39/03; N14,N29/04
97268	10	24/04	807861	2	N22/03
97269	11	27/03;7,32/04	809055	7	N25,N26,N31/04
97270	6	7,13/04	809679	2	N27/03;N36/04
97271	12	26,35,41,44/03;9,17,24, 31/04			
97272	11	23,37,47/03;1,9,13,19,31, 33/04			
97273	11	34*,52/03;1,9,33/04			
97274	19	23,37,47,52/03;7,9,21/04			
97275	3	52/03*			
97276	2	50/03*			
97277	12	21*,24,33/04			
97278	12	14/04*			
97279	9	27/03			
97280	4	31/04			
97281	3	50/03*			
97285	6	36/03;7,21/04			
97286	6	35,36,38/03;26/04			
97300	6	25,26/03;6,22,27,31/04			
97303	3	45/03			
97304	1	22/04			
97320	6	25,46/03;6,14,21,22, 34/04			
97340	8	22,36,46,47/03;9,14,24, 34/04			
97341	9	21,47/03			
97342	14	22,27,43/03;24/04			
97343	12	25/03;9/04			
97345	2	50/03			
97360	6	27,43,45,47/03;30,34/04			
97380	7	23,38,40,45/03;17,23/04			
97381	7	27,43,45/03			
97382	2	42/03			
97383	16	42,46,47/03;22,25,33/04			
97385	10	46,47/03;22,33/04			
97387	2	42,46/03;10,25,33/04			
97389	2	45*,47/03			
97390	5	36/03;7,22/04			
97392	5	21,23,26,33,38/03;33/04			
97396	14	23,33,38/03;2/04			
97397	7	26,44,49/03			
97398	4	43/03*;27/04			
97400	4	34*,44,49/03			
97410	9	50/03*;2/04			
97412	7	47/03			
97420	17	33,38,40,45/03;1,13,14, 17,23,24,28/04			

SECTION II

NM 36/04

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.					Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date					
REGION 1									
11AHA11469 (7642014010145)	<u>Fowey Rocks, Hillsboro Inlet to Bimini Islands, Bahamas</u>	100,000	<u>6</u>	<u>6/04</u>	NOS	1-17,94	36/04		
11XHA11511 (7642014010263)	Ossabaw and St. Catherines Sounds	40,000	<u>17</u>	<u>6/04</u>	NOS	1-94	36/04		
11AHA11523 (7642014010160)	Charleston Harbor Entrance	20,000	<u>22</u>	<u>6/04</u>	NOS	1-94	36/04		
REGION 3									
35BHA35044 (7642014012328)	Canceled					3-12,30	36/04		
<u>37BHA37039</u> (76420151222646)	<u>UKHO 1606, Thames Estuary-Fisherman's Gat to Princes Channel</u> <u>51 26 32N 1 04 41W</u> <u>51 36 39N 1 26 43W</u> (Change legend 37139 to 37039 on graphic p. 3-21 in 51-30N 001-30E)	<u>25,000</u>	<u>11/03</u>	<u>UKHO</u>	<u>3-18,21, 30</u>	36/04			
<u>37BHA37052</u> (7642015122650)	<u>UKHO 1975, Thames Estuary-Northern Part</u> (Change legend 37147 to 37052 on graphic p. 3-21 in 51-44N 001-33E)	<u>50,000</u>	<u>5/04</u>	<u>UKHO</u>	<u>3-18,21, 30</u>	36/04			
37BHA37139 (7642014012486)	Canceled					3-19,21, 30	36/04		
37BHA37147 (7642014012487)	Canceled					3-19,30	36/04		
MISCELLANEOUS CHARTS AND PUBLICATIONS									
<u>CDPUBSD141</u> (7644014665867)	<u>Scotland (Enroute), 2004</u>				<u>GPO</u>	<u>10-19, 38</u>	36/04		
CDPUBSD164 (7644014665938)	<u>New Guinea (Enroute), 2004</u>				GPO	10-38	36/04		
<u>CDPUBSD171</u> (7644014665940)	<u>East Africa and the South Indian Ocean (Enroute), 2004</u>				<u>GPO</u>	<u>10-19, 38</u>	36/04		
CDPUBSD192 (7644014665953)	<u>North Sea (Enroute), 2004</u>				GPO	10-38	36/04		

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

UKHO United Kingdom Hydrographic Office

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For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 141 (NGA)	8 Ed 2004	NEW EDITION 36/04
PUB 164 (NGA)	9 Ed 2004	NEW EDITION 36/04
PUB 171 (NGA)	8 Ed 2004	NEW EDITION 36/04
PUB 192 (NGA)	9 Ed 2004	NEW EDITION 36/04
PUB 195	7 Ed 2002	LAST NM 33/04
Page 12—Line 30/R; read: There is a red church with a prominent green roof.		
It is reported (2004) that a coal terminal, known as Ust Luga, has been constructed in the vicinity of the harbor and is capable of handling vessels up to 50,000 dwt. An entrance channel, 2.7 miles long, leads to the terminal. It is 150m wide and has a least dredged depth of 14m. (Lloyds Ports)		36/04

Page 12—Lines 35 to 37/R; read:

Caution.—It is reported (2004) that several new cargo terminals are under construction in the vicinity of the harbor.
(Lloyds Ports) 36/04

COAST PILOT CORRECTIONS

COAST PILOT 3	37 Ed 2004	Change No. 7
		LAST NM 33/04
Page 102—Paragraph 1296, line 8; read: approved material is available for inspection at the Office of the Federal ... (CL 941/04; FR 6/23/04)		36/04

Page 114—Paragraph 1623, line 1; read:

(6) Knows the speed and direction of the current, and the ...
(CL 922/04; FR 6/18/04) 36/04

Page 115—Paragraph 1626; strike out.

(CL 922/04; FR 6/18/04) 36/04

Page 115—Paragraphs 1637 to 1646; read:

(c)(1) The voyage-planning requirements outlined in this section do not apply to you if your towing vessel is—
(i) Used solely for any of the following services or any combination of these services—
(A) Within a limited geographic area, such as fleet-area for barges or a commercial facility, and used for restricted service, such as making up or breaking up larger tows;

- (B) For harbor assist;
 - (C) For assistance towing as defined by 46 CFR 10.103;
 - (D) For response to emergency or pollution;
 - (ii) A public vessel that is both owned, or demise chartered, and operated by the United States Government or by a government of a foreign country; and that is not engaged in commercial service;
 - (iii) A foreign vessel engaged in innocent passage; or
 - (iv) Exempted by the Captain of the Port (COTP).
- (2) If you think your towing vessel should be exempt from these voyage planning requirements for a specified route, you should submit a written request to the appropriate COTP. The COTP will provide you with a written response granting or denying your request.
- (3) If any part of a towing vessel's intended voyage is seaward of the baseline (i.e. the shoreward boundary) of the territorial sea of the U.S., then the owner, master, or operator of the vessel, employed to tow a barge or barges, must ensure that the voyage with the barge or barges is planned, taking into account all pertinent information before the vessel embarks on the voyage. The master must check the planned route for proximity to hazards before the voyage begins. During a voyage, if a decision is made to deviate substantially from the planned route, then the master or mate must plan the new route before deviating from the planned route. The voyage plan must follow company policy and consider the following (related requirements noted in parentheses):
- (i) Applicable information from nautical charts and publication (also see paragraph (b) of section 164.72), including Coast Pilot, Coast Guard Light List, and Coast Guard Local Notice to Mariners for the port of departure, all ports of call, and the destination;
 - (ii) Current and forecast weather, including visibility, wind, and sea state for the port of departure, all ports of call, and the destination (also see paragraphs (a)(7) of section 164.78 and (b) of section 164.82);
 - (iii) Data on tides and currents for the port of departure, all ports of call, and the destination, and the river staged and forecast, if appropriate;
 - (iv) Forward and after drafts of the barge or barges and under-keel and vertical clearances (air-gaps) for all bridges, ports, and berthing areas;
 - (v) Pre-departure checklists;
 - (vi) Calculated speed and estimated time of arrival at proposed waypoints;
 - (vii) Communication contacts at any Vessel Traffic Services, bridges, and facilities, and any port specific requirements for VHF radio;
 - (viii) Any master's or operator's stand orders detailing closest points of approach, special conditions, and critical maneuvers; and
 - (ix) Whether the towing vessel has sufficient power to control the tow under all foreseeable circumstances.
- (CL 922/04; FR 6/18/04) 36/04

**COAST PILOT 6 34 Ed 2004 Change No. 10
LAST NM 34/04**

Page 101—Paragraph 1298, line 8; read:
approved material is available for inspection at the Office of
the Federal ...
(CL 941/04; FR 6/23/04) 36/04

Page 196—Paragraph 125, lines 4 to 6; read:
October 2003-April 2004, the controlling depth in the chan-
nel was 5.7 feet. The outer ends of the piers are marked by
lights.
(BP 182155; BP 183501; CL 778/04) 36/04

Page 198—Paragraph 139, lines 6 to 7; read:
by lighted buoys and a light. In October 2003, the dredged
channel had a controlling depth of 8.6 feet.
(BP 182156; CL 1772/03) 36/04

Page 200—Paragraph 159; read:
In March 2004, the controlling depths were 16.3 feet (17.6
feet at midchannel) in the entrance and between the piers to
the lower turning basin, thence 17.3 feet to the railroad
swing bridge just above the turning basin (except for shoal-
ing to 7.9 feet in the left outside quarter of the channel); the
lower turning basin had depths of 7 to 10 feet. The channel
under the swing bridge had depths of 10.9 feet under the E
draw and 14.3 feet under the W draw, thence 14.2 feet to the
Rochester Portland Cement Company on the W side of the
river, 2.9 miles above the river entrance (except for shoaling
to 11.4 feet in the right half of the channel near the N edge of
the upper turning basin), thence 11.1 feet to the head of the
project. The upper turning basin has depths of 1 to 3 feet and
is no longer maintained.

(BPs 183502-03) 36/04

Page 236—Paragraph 245, line 11; read:
Lake Erie between converging breakwaters to an outer har-
bor channel inside the breakwaters. A dredged channel leads
from the SE end of the outer harbor upstream in Conneaut
River for about 0.4 mile to the wharves on either side of the
river. Lights mark the outer ends of the breakwaters and the
piers at the river mouth. In August-September 2003, the con-
trolling depths were 20.4 feet (24.9 feet at midchannel) in
the outer harbor channel, thence 21.4 feet in the dredged
river channel.

(BP 182789; CL 291/04) 36/04

Page 256—Paragraph 452; read:
In July 2003, the controlling depths were 4.4 feet in the W
approach and 3.5 feet in the E approach to the mouth of the
river, thence 6.9 feet to the entrance of Superior Lagoon,
thence 3.5 feet to the Liberty Avenue bridge.

(BP 182884; CL 351/04) 36/04

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
39610	Appletree Shoal Lighted Buoy AS At south side of shoal.	44 29 23 N 73 16 00 W	Fl G (2+1) 6s		3	Green and red bands.	Replaced by can from Nov 1 to May 1. *

36/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7290	RAPPAHANNOCK SHOAL CHANNEL SOUTH RANGE FRONT LIGHT	37 32 19 N 76 00 51 W	F W		31	Red monopod with white equipment hut on top.	Lighted throughout 24 hours.
		*					36/04
7296	RAPPAHANNOCK SHOAL CHANNEL SOUTH RANGE REAR PASSING LIGHT		Q W	33	6	On same structure as Rappahannock Shoal Channel South Range Rear Light.	
			*				36/04
8555	POOLE'S ISLAND SOUTH RANGE FRONT LIGHT	39 17 32 N 76 14 12 W	Q W	37		On caisson.	Lighted throughout 24 hours. Visible all around; higher intensity on rangeline.
		*					36/04
8561	POOLE'S ISLAND SOUTH RANGE REAR PASSING LIGHTS (2)		Fl W 4s	46	6	On same structure as Poole's Island South Range Rear Light.	
			*				36/04
8595	- RANGE FRONT LIGHT	39 19 13 N 76 12 58 W	Fl W 2.5s	35		On caisson.	Lighted throughout 24 hours. Visible all around; higher intensity on range line.
		*					36/04
8600	- RANGE REAR LIGHT 863 yards, 015° from front light.		Oc W 4s	61		On skeleton tower on caisson.	Lighted throughout 24 hours.
		*					36/04
8601	- RANGE REAR PASSING LIGHT		Oc W 4s	35	7	On same structure as Upper Chesapeake Channel Range Rear Light.	
			*				36/04
8910	SHAD BATTERY SHOAL RANGE FRONT LIGHT	39 20 18 N 76 11 26 W	Fl W 2.5s	33		On caisson.	Lighted throughout 24 hours. Visible all around; higher intensity on range line.
		*					36/04
8915	SHAD BATTERY SHOAL RANGE REAR LIGHT 2,585 yards, 237° from front light.		Oc W 4s	61		On caisson.	Lighted throughout 24 hours.
		*					36/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9060	- EAST RANGE REAR LIGHT 200 yards, 074° from front light.		Iso W 6s	31		KWB on white skeleton tower.	Day: Visible on range line only. Night: Visible all around, higher intensity on rangeline. Lighted throughout 24 hours.
							36/04
19060	Town Point Warning Daybeacon	38 19 20 N 76 28 24 W				NW on pile worded DANGER SHOAL.	
		*					36/04
23185	- Warning Buoy C					White and orange can worded DANGER SHOAL.	
		*				*	36/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
685	Fort Pierce Yacht Club Buoy A						Remove from list.
							*
							36/04
690	Fort Pierce Yacht Club Buoy B						Remove from list.
							*
							36/04
5060	- LIGHT 14		Fl R 4s	16	3	TR on pile.	
					*		36/04
10185	LAKE WORTH ENTRANCE RANGE FRONT LIGHT	26 46 21 N 80 02 31 W	Q W	30		KRW on skeleton tower on dolphin.	Visible 14° each side of range line.
		*					36/04
*11386	Newfound Harbor Obstruction Lighted Buoy A	24 36 54 N 81 23 44 W	Fl W 4s			White and orange banded worded DANGER CORAL, can.	Private aid.
							36/04
*11387	Newfound Harbor Obstruction Lighted Buoy B		Fl W 4s			White and orange banded worded DANGER CORAL, can.	Private aid.
							36/04
*11388	Newfound Harbor Obstruction Lighted Buoy C		Fl W 4s			White and orange banded worded DANGER CORAL, can.	Private aid.
							36/04
*11389	Newfound Harbor Obstruction Lighted Buoy D		Fl W 4s			White and orange banded worded DANGER CORAL, can.	Private aid.
							36/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*24653	Symphony Isles Daybeacon	27 46 28 N 82 25 45 W				NW on pile worded DANGER JETTY.	Private aid. 36/04
36010	- LIGHT 30		Q R	12	3	TR-TY on pile. *	36/04
*38352	- Buoy 2					Red nun with yellow triangle.	36/04
*45777	- Daybeacon 11					SG on pile.	Private aid. 36/04
*45779	- Daybeacon 12					TR on pile.	Private aid. 36/04
46265	- LIGHT 4	26 56 55 N 80 05 34 W	Fl R 6s	3	TR on pile.		Private aid. *
46285	- JUNCTION LIGHT A	26 57 00 N 80 05 53 W	Fl R (2+1) 6s		JG on pile.		Private aid. *
46300	- LIGHT 11		Fl G 6s		SG on pile.		Private aid. *
*46306	- Shoal Daybeacon B					NW on pile worded DANGER SHOAL.	36/04
*46311	- Shoal Daybeacon A					NW on pile worded DANGER SHOAL.	36/04
46315	- LIGHT 14				TR on pile.		Private aid. *
46325	- LIGHT 16		Fl R 6s		TR on pile.		Private aid. *
46365	- LIGHT 4				TR on pile.		Private aid. *
46885	- Daybeacon 16				TR-TY on pile.		36/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21775	- RANGE E FRONT LIGHT	29 46 20 N 93 56 13 W	Q G	26	3	KRW on skeleton tower.	For upbound traffic. Visible for 2° each side of rangeline.
	*						36/04
*21776	- RANGE E FRONT PASSING LIGHT		Q G	10	3	KRW on skeleton tower. On same structure as Port Arthur Canal Range E Front Light.	
							36/04
*27942	Corpus Christi Breakwater Buoy WR1A					Green can.	
							36/04
34870	- RANGE E REAR LIGHT 835 yards, 106.3° from front light.		Iso G 6s	30		KRW-I on skeleton tower.	Visible on range line only.
	*						36/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4673	- LIGHT 7	37 48 00 N 122 19 54 W	Fl G 4s	30	7	TR on pile.	*
							36/04
5125	- LIGHT 10	37 39 52 N 122 22 28 W	Fl R 4s	13			Private aid.
							*
							36/04
*22162	Alaska General Seafood "AGS" Buoy	55 20 08 N 131 37 59 W	Fl W 4s				Private aid.
							36/04
*22625	Cemetery point lighted Marker Buoy (4)	56 27 27 N 132 23 06 W	Fl Y 6s				Private aids.
							36/04
Lisianski Inlet							
24285	- LIGHT	58 05 56 N 136 28 05 W	Fl W 6s	65	6	NR on small house.	Obscured from 333° to 133°.
	*						36/04
24300	- Daybeacon 4	58 02 05 N 136 21 55 W				TR on spindle.	
	*						36/04
25390	- LIGHT 6	57 59 23 N 136 22 17 W	Fl R 2.5s	25	4	TR on steel skeleton tower.	
	*						36/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2370	- BREAKWATER LIGHT A	Q W		25 8	3	NR on post.	
			*		*		36/04
2375	- BREAKWATER LIGHT C	Q W		25 8	3	NR on post.	
			*		*		36/04
17130	RANIER SINGLE POINT RANGE LIGHT						<i>Remove from list.</i>
							*
*17252	- Buoy 20					Red nun.	
							36/04
*17267	South Shore Buoy 6					Red nun.	
							36/04
*17277	South Shore Buoy 9					Green can.	
							36/04
17285	- Buoy 12					Red nun.	
		*					*
							36/04
17370	- Buoy 32					Red nun.	
		*					*
							36/04
17375	Rainy Lake Light 34		48 33 36 N Fl R 4s 92 53 24 W		3	TR on skeleton tower.	
		*			*		
							36/04
17420	Surveyor's Island Daybeacon 43		48 31 06 N 92 37 42 W			SG on skeleton tower.	
		*			*		
							36/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3264 <i>H 2000</i>	Port Cartier Entrance, E.	50° 01.7' N 66° 46.9' W	F.I.R. period 3s fl. 1s, ec. 2s	41 12	6	Gray round mast; 15.	Private light.. Whistle: 1 bl. ev. 30s (bl. 3s, si. 27s). Radar reflector.
			*	*	*		36/04
3268 <i>H 2001</i>	-W.	50° 01.7' N 66° 47.2' W	F.I.R. period 3s fl. 1s, ec. 2s	41 12	6	Gray round mast; 6.	Private light.. Radar reflector.
			*	*	*	*	36/04
*17634 <i>G 0053.7</i>	-Ponta do Frechal.	1° 43.4' S 49° 16.7' W	F.I.G. period 10s		9		
							36/04
18204 <i>G 0304</i>	Ponta Catoeiro.	17° 52.0' S 39° 16.2' W	F.I.W. period 10s fl. 1s, ec. 9s	66 20	14	White metal framework tower; 52.	
					*		36/04
18432 <i>G 0386</i>	-Terminal Alto. Tamandare, S. beacon.	22° 49.3' S 43° 09.2' W	Q.Y.	43 13	3	White metal post; 33.	Private light.
					*		36/04
18434 <i>G 0389</i>	-Secondary pier, N. beacon.	22° 48.2' S 43° 09.0' W	Q.Y.	46 14	3	White metal post; 33.	Private light.
					*		36/04

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*1261 <i>K 1802.51</i>	-Club de Yates Recreo.	33° 01.6' S 71° 34.8' W	F.I.R. period 3s fl. 1s, ec. 2s	18 6	7	Red fiberglass tower, triangular daymark; 7.	Visible 126°-239°.
							36/04
8848 <i>K 1804.9</i>	-Rear, 2000 meters 252° from front.	35° 03.5' S 117° 51.0' E	F.Bu.	89 27		Orange rectangular daymark.	
			*				36/04
8853 <i>K 1804.91</i>	-Turning Basin Range.	35° 02.7' S 117° 54.4' E	Iso.W. period 8s		4	Red triangular daymark, point up.	
			*		*		36/04
8854 <i>K 1804.91</i>	-Rear, 325 meters 117°18' from front.	35° 02.8' S 117° 54.6' E	Iso.W. period 2s		5	Red triangular daymark, point down.	
			*		*		36/04
10736 <i>K 4896.4</i>	-Munda Range, front.	8° 20.2' S 157° 14.2' E	F.I.W. period 5s	23 7	2	White metal framework tower, white triangular daymark.	Visible 044°-064°.
			*		*		36/04

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SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10740 <i>K 4896.41</i>	-Rear, 700 meters 054° from front.	8° 20.0' S 157° 14.5' E	Q.(3)W. period 15s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 12.5s	39 12	5	Red and white steel framework tower, white triangle on black square daymark; 33.	Visible 044°-064°. *
10742 <i>K 4894.8</i>	Hathorn Sound Range, front.	8° 15.3' S 157° 11.7' E	F.G.	16 5		White framework tower, white triangular daymark, point up.	*
10742.1 <i>K 4894.81</i>	-Rear, 170 meters 190° from front.	8° 15.0' S 157° 11.3' E	F.G.	26 8		White framework tower, white triangular daymark, point down.	*
10762 <i>K 4893.42</i>	-SW. entrance, 550 meters 032°32' to common rear.	8° 05.4' S 156° 51.6' E	Fl.(2)G. period 10s	10 3	3	Post, white triangular daymark.	*
10768 <i>K 4892.4</i>	Nakaza Island.	7° 53.0' S 156° 30.0' E	Fl.W. period 10s	16 5	3	Orange and white metal framework tower.	*
				*	*	*	36/04

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1156 <i>F 7008</i>	-N. breakwater.	42° 59.2' N 140° 30.6' E	Fl.R. period 3s	21 6	3	Red tower; 16.	*
		*		*	*	*	36/04
1508 <i>F 6900</i>	Kotoi Saki Offing.	45° 25.6' N 141° 45.0' E	Q.W.	39 12	8	N. CARDINAL BY, beacon, topmark; 38.	*
		*		*			36/04
3226 <i>F 7103.51</i>	Mano Ko, breakwater.	37° 57.6' N 138° 20.1' E	Fl.R. period 3s	28 9	4	Red tower; 20.	*
		*		*			36/04
*3707 <i>F 6662.5</i>	-E. Southeastward breakwater.	41° 14.2' N 140° 23.6' E	Fl.R. period 3s	26 8	3	Red tower; 16.	
							36/04
5732 <i>F 6241</i>	-N. breakwater.	34° 52.1' N 138° 19.7' E	Fl.R. period 4s	43 13	4	Red tower; 33.	*
		*	*	*			36/04
13640 <i>F 4678</i>	-Yu Chiang, Entrance.	25° 09.2' N 121° 45.3' E	Fl.G. period 7s	23 7	7	White round concrete tower; 22.	*
							36/04

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13660 <i>F 4686</i>	-Inner N. breakwater, head.	25° 08.8' N 121° 47.5' E	Fl.G. period 4s	*			36/04
13661 <i>F 4687</i>	-Inner S. breakwater, head.	25° 08.8' N 121° 47.4' E	Fl.R. period 4s	*			36/04
13662 <i>F 4688</i>	-Quay.	25° 08.7' N 121° 47.5' E	Fl.R. period 4s	*			36/04
21588 <i>F 1701.75</i>	Pulau Seraya, AVIATION LIGHT.	1° 16.5' N 103° 43.8' E	Fl.W. period 4s	597 182	12	Power station chimney.	Obstruction light.
				*			36/04

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2736 <i>D 1799</i>	-Port Aguino, mole, head.	42° 31.1' N 9° 00.9' W	Fl.(4)W.R. period 11s	5	Red post.		W. 026°-040°, R.-026°.
			*	*	*	*	*
8208 <i>E 0938</i>	-Capo Testa.	41° 14.6' N 9° 08.7' E	Fl.(3)W. period 12s fl. 0.2s, ec. 2.3s fl. 0.2s, ec. 2.3s fl. 0.2s, ec. 6.8s	220 67	22	White tower, two galleries; 75.	Visible 017°-256°. Reserve light range 11M.
			*	*	*	*	36/04

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SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 36/04

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
NGA HYDRO CATALOG CATP2V01U			CDPUBSD142	2004	24/04*	SDPUB200	2002	38*,39,42/02;22,27, 34,41,51,52/03; 27/04
Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03;1,2, 3,5,6,8,9,10,11,12, 13,14,15,16,17,18, 19,20,21,22,23,24, 25,26,28,29,30,31, 32,33,34,36/04	CDPUBSD143	2003	46/03*	USCG LIGHT LIST VOLUMES I - VII		
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03;2, 3,5,7,10,11,14,15, 20,22,24,25,33, 34/04	CDPUBSD145	2003	51/03*	COMDTM165021	2004	22*,23,24,25,27,28, 29,30,31,32,33,34, 35,36/04
Region 3	2002	1/03*,19,23,24,28, 31,32,33,34,36/04	CDPUBSD146	2002	4/03*	COMDTM165022	2004	23*,24,25,26,27,28, 29,30,31,33,34, 36/04
Region 4	2002	1*,23,43/03	CDPUBSD153	2003	26/04*	COMDTM165023	2004	23*,24,25,26,27,28, 29,30,31,32,33,34, 35,36/04
Region 5	2002	1*,3,5,8,22,27,30, 33,38,48/03;1,9,10, 14,20/04	CDPUBSD155	2004	29/04*	COMDTM165024	2004	23*,24,25,26,27,28, 29,30,31,32,33,34, 35,36/04
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03;11/04	CDPUBSD157	2004	29/04*	COMDTM165025	2004	22/04*
Region 7	2002	1*,11,15,28/03;31, 32/04	CDPUBSD158	2003	24/03*	COMDTM165026	2004	22*,23,24,25,26,27, 28,29,30,31,32,33, 34,35,36/04
Region 8	2002	1*,14,37,41,46, 52/03	CDPUBSD160	2004	25/04*	COMDTM165027	2004	22*,23,24,25,26,28, 29,30,32,34,36/04
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03;1,7,11, 14,15,21/04	CDPUBSD164	2004	36/04*	FLEET GUIDES		
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43,45,46,47,48,49, 51,52/03;1,4,5,6,7,9, 10,11,13,14,16,17, 18,19,20,21,22,23, 24,25,26,27,28,29, 30,32,34,35,36/04	CDPUBSD166	2004	27/04*	CDPUBFGPAC	2004	N17/04*
NGA LIST OF LIGHTS			SDPUB120	2001	28/04*	FGPUB940ATL	2001	N47/01*
LLPUB110	2004	10*,14,15,19,21,22, 23,24,29,30,31,32, 33,34,35,36/04	SDPUB123	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44,45,52/03;5,9, 12,14,15/04	NOS MISCELLANEOUS PUBLICATIONS		
LLPUB111	2003	33*,34,35,36,37,38, 39,40,41,43,45,47, 49,50,51,52/03;1,2, 3,4,7,8,9,10,11,12, 13,14,15,17,18,19, 21,22,24,27,29,30, 34,36/04	SDPUB147	2001	35/01*,21,22,23, 27,28,32,38,42/03	NOSPCATALOG2	2000	34/00*
LLPUB112	2004	7*,9,10,11,12,14,15, 16,17,18,19,20,21, 22,23,24,25,26,27, 30,33,34,35,36/04	SDPUB148	2001	39*,41,42,43,44,45, 48/02,24,26,27,28, 30,32,41/03;12,16, 23,24,25/04	NOSPCATALOG3	2000	28/00*
LLPUB113	2003	46*,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21,22,23,24,25,26, 27,28,29,30,31,32, 33,34,35,36/04	SDPUB154	2002	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03	NOSPCATALOG4	2000	34/00*
LLPUB114	2004	18*,21,22,23,24,25, 26,27,29,30,31, 32/04	SDPUB159	2002	39*,41,42,43,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03;	NOSPCATALOGA	2003	19/04*
LLPUB115	2003	42*,44,46,47,48,49, 51,52/03;1,3,5,7,10, 12,13,14,15,16,17, 20,22,23,24,26,27, 28,29/04	SDPUB161	2002	40/02,24,44,47,48/02; 5,12/03;10,14/04	NOSPCATALOGG	2003	19/04*
LLPUB116	2004	23*,28,30,31,33/04	SDPUB162	2001	51/01*,5,12/03; 12/04	ALMANACS		
SAILING DIRECTIONS			SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03;12, 16,23,24/04	AIRALMANAC501	2005	34/04*
CDPUBSD124	2004	25/04*	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43,44,45,46, 47,48,51/03;1,2,3,4, 5,8,9,12,13,14,17, 19,20,21,22,24/04	NAUTALMANAC05	2005	34/04*
CDPUBSD125	2004	27/04*	SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,49,50,51/03; 13,16,17/04	COAST PILOT		
CDPUBSD127	2004	29/04*	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37,38, 43,47/03	NOSBPCP1	34	18*,21,24,33,34/04
CDPUBSD131	2002	9/03*	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24,42,44,47,48,49, 51/03;19,21,28, 35/04	NOSBPCP2	33	5*,6,9,20,25,26,27, 31,34/04
CDPUBSD132	2003	6/04*	SDPUB181	2002	38*,39/02	NOSBPCP3	37	14*,18,21,25,28,33, 36/04
CDPUBSD140	2003	25/04*	SDPUB182	2001	8*,10,12,41/02; 17/03	NOSBPCP4	35	34*,36,39,42,44,46, 47,51/03;6,7,8,9,11, 12,19,20,21,24,26, 27,28,32,33,34/04
CDPUBSD141	2004	36/04*	SDPUB183	2001	27/01*,13,15,16/02; 18/03	NOSBPCP5	32	30*,31,33,34/04
			SDPUB183	2001	27/01*,13,15,16/02; 18/03	NOSBPCP6	34	13*,18,19,25,26,27, 31,34,36/04
			SDPUB185	2002	47,48,51/03;1,2,3,4, 5,8,9,12,13,14,17, 19,20,21,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43,44,45,46, 47,48,51/03;1,2,3,4, 5,8,9,12,13,14,17, 19,20,21,22,24/04	NOSBPCP7	36	18*,19,20,21,23,24, 27,31,34/04
			SDPUB186	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,49,50,51/03; 13,16,17/04	NOSBPCP8	26	32*,34/04
			SDPUB187	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37,38, 43,47/03	NOSBPCP9	21	30*,32,33,36,39,42, 48,51/03;8,18,19,20, 23,25,26,28,29,31, 34/04
RADIO NAVIGATIONAL AIDS			RAPIUB117	2002	50/02*;13/03	AMERICAN PRACTICAL NAVIGATOR		
			NVPUB9	2002	50/02*;13/03	NVPUB9	2002	36/02*,14,38/03
INTERNATIONAL CODE OF SIGNALS			CDPUBNV102	2003	20/03*	INTERNATIONAL CODE OF SIGNALS		
WORLD PORT INDEX			NVPUB150	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03	WORLD PORT INDEX		
DISTANCES BETWEEN PORTS			NVPUB151	2001	4/02*	NVPUB151	2001	4/02*

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 36/04**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.		
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CDPUBNV1310	2001	51/01*		
SIGHT REDUCTION TABLES (MARINE)				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR)				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1 WOBZC1	1997	18/98*		
CHART NO. 4 WOBZC4	1988	N23/91*		
ATLAS OF PILOT CHARTS				
NVPUB106	2002	42/03*		
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
USCG NAVIGATION RULES COMDTM166722D	1999	44/99*;52/00;16/04		
NOS TIDE TABLES				
NOSPBTTCWPACIN4	2004	N1/04*		
NOSPBTTECSTNSA4	2004	N1/04*		
NOSPBTTEURAFR4	2004	N1/04*		
NOSPBTWCSTNSA4	2004	N1/04*		
TIDAL CURRENT TABLES				
NOSPBTCTATCSTN4	2004	N1/04*		
NOSPBTCTPACAS4	2004	N1/04*		

SECTION III

NM 36/04

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 191100Z August 2004:

2003 series	2004 series	198(11)	243(GEN)	271(GEN)	278(11)
108(26,27)	128(26)	226(14)	265(GEN)	275(51)	280(GEN)

The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

NAVAREA IV WARNINGS issued from 121200Z to 191100Z August 2004.

276/04 and 277/04. CANCELED.

278/04(11). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

- A. 0400Z TO 0359Z COMMENCING DAILY
16 THRU 22 AUG IN AREA BOUND BY
30-45N 080-54W, 30-45N 080-11W,
30-36N 080-11W, 30-33N 080-55W.
- B. 0400Z TO 0359Z COMMENCING DAILY
16 THRU 22 AUG IN AREA BETWEEN
29-20N 29-10N AND 079-50W 079-40W.
- C. 1900Z TO 0359Z COMMENCING DAILY 17
AND 19 AUG AND 0400Z TO 0700Z DAILY
18 AND 20 AUG IN AREA BETWEEN
30-00N 29-50N AND 81-00W 80-50W.
- D. 171500Z TO 171700Z AUG
IN AREA BOUND BY
30-35N 081-21W, 30-35N 081-00W,
30-00N 081-02W, 30-00N 081-15W.

2. CANCEL THIS MSG 230459Z AUG.

(131320Z AUG 2004)

279/04. CANCELED.

280/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 180800Z AUG 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 243(GEN), 265(GEN), 271(GEN), 275(51), 278(11), 280(GEN).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL NAVAREA IV 232/04, 274/04.

(181252Z AUG 2004)

SECTION III

HYDROLANTS

Messages in force 191100Z August 2004:

2002 series	2416(54)	1042(53)	1252(36,38)	1320(52)	1363(55)
245(GEN)	2418(52)	1051(53)	1256(37)	1323(55)	1364(51)
246(GEN)	2419(54)	1077(57)	1265(53)	1330(24)	1365(36,37)
2003 series	2420(54)	1084(53,56)	1266(53)	1333(55)	1366(37)
604(26,27)	2004 series	1104(37,43)	1269(52)	1337(51)	1368(55)
1422(53)	224(24)	1130(53)	1271(53)	1338(36)	1369(GEN)
1472(35)	272(24)	1136(37,43)	1274(24)	1339(35)	1370(55)
1999(23)	631(37)	1162(36)	1276(54)	1340(52)	1371(52,53)
2203(53)	649(55)	1199(36)	1279(36)	1342(51)	1372(36,37,51)
2297(24)	650(55)	1214(36)	1280(57)	1344(57)	1374(35)
2406(54)	668(56)	1219(35)	1286(36)	1345(53)	1375(24)
2407(54)	805(24)	1220(37)	1290(37)	1351(24)	1377(51)
2408(54)	850(24)	1231(35)	1297(55)	1352(35)	
2409(54)	952(35)	1235(37,51)	1298(53)	1355(37,51)	
2410(54)	1018(43)	1241(35)	1300(53)	1356(53)	
2413(54)	1019(24)	1250(55)	1303(GEN)	1357(52,53)	
2414(54)	1033(37)	1251(37)	1308(53,56)	1359(52,53)	

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03.
Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

HYDROLANT WARNINGS issued from 121200Z to 191100Z August 2004.

1341/04. CANCELED.

1342/04(51). MEDITERRANEAN SEA.

CABLE REPAIR OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY CABLESHIP RENE DESCARTES
IN AREA BOUND BY
35-38.5N 005-16.5W, 35-40.0N 005-14.5W,
35-38.0N 005-13.0W, 35-36.0N 005-15.8W,
ONE MILE BERTH REQUESTED.

(131034Z AUG 2004)

1343/04. CANCELED.

1344/04(57). GULF OF GUINEA.

CABLE OPERATIONS 161000Z UNTIL FURTHER NOTICE
BY CABLESHIP CHAMAREL WITHIN 500 METERS OF
06-23.1N 003-26.1E. WIDE BERTH REQUESTED.

(131438Z AUG 2004)

1345/04(53). SARDEGNA-NORTH COAST.

CHART 53120 (14TH ED).
PUNTA CODA SARDEGNA LIGHT 41-12.4N 009-21.8E UNLIT.

(131447Z AUG 2004)

1346/04 thru 1350/04. CANCELED.

1351/04(24). BRAZIL.

MAN OVERBOARD VICINITY IGUAPE (24-43S 047-34W) AT 141120Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(151347Z AUG 2004)

1352/04(35). SCOTLAND-NORTH COAST.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY CABLESHIP LEON THEVENIN VICINITY OF TRACKLINE BETWEEN
59-50N 003-31W AND 59-21N 001-23W. WIDE BERTH REQUESTED.

(151952Z AUG 2004)

1353/04 and 1354/04. CANCELED.

1355/04(37,51). PORTUGAL-WEST COAST.

1. OCEANOGRAPHIC OPERATIONS 18 THRU 26 AUG
BY M/V BEAUTEMPS BEAUPRE IN AREA BETWEEN
42-30N 40-00W AND 010-00W AND THE PORTUGAL
COAST. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 27 AUG.

(161657Z AUG 2004)

SECTION III

1356/04(53). TYRRHENIAN SEA.

1. DERELICT 24 METER M/V GIGAADRIFT IN
41-15.5N 010-00.0E.
2. CANCEL THIS MSG 23 AUG.

(161751Z AUG 2004)

1357/04(52,53). STRAIT OF SICILIA.

1. OCEANOGRAPHIC OPERATIONS 16 THRU 27 AUG
BY M/V CMT VERSAU IN AREA BETWEEN BY
37-42N 38-08N AND 012-15E 012-00E.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 28 AUG.

(161802Z AUG 2004)

1358/04. CANCELED.

1359/04(52,53). STRAIT OF SICILIA.

1. VESSEL 15 METERS ADRIFT IN 35-18.8N 012-31.5E.
VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
ANY COASTAL RADIO STATION.
2. CANCEL THIS MSG 23 AUG.

(161823Z AUG 2004)

1360/04 thru 1362/04. CANCELED.

1363/04(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 0400Z TO 1130Z
DAILY 20 AND 21 AUG IN AREA BOUND BY
44-08.9N 036-18.9E, 44-30.9N 035-13.4E,
44-43.6N 035-21.0E, 44-51.2N 035-36.7E,
44-59.2N 035-53.4E, 45-00.4N 036-12.3E.
2. CANCEL THIS MSG 211230Z AUG.

(171125Z AUG 2004)

1364/04(51). NORTH ATLANTIC.

1. OCEANOGRAPHIC SURVEY 18 THRU 20 AUG
BY M/V PELAGIA IN AREA BETWEEN
35-06N 35-36N AND 006-20W 007-06W.
2. CANCEL THIS MSG 21 AUG.

(171749Z AUG 2004)

1365/04(36,37). ENGLAND.

- CHART 37010 (23RD ED).
1. WORMLEIGHTON DGPS STATION 52-12N 001-22W
OFF AIR 180900Z TO 181400Z AND 190900Z TO
191400Z AUG.
 2. CANCEL THIS MSG 191500Z AUG.

(172255Z AUG 2004)

1366/04(37). NORTH SEA.

- CHART 37150 (8TH ED).
- PLATFORM 49/26-E 53-03.2N 002-11.3E UNLIT.

(180150Z AUG 2004)

1367/04. CANCELED.

1368/04(55). BLACK SEA.

1. UNDERWATER OPERATIONS 222100Z TO 302100Z AUG BY
M/V POCACHEV IN AREA BOUND BY
44-46.5N 035-50.0E, 44-46.5N 035-36.0E,
44-43.0N 035-23.0E 44-32.2N 035-15.0E.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 302200Z AUG.

(180929Z AUG 2004)

1369/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 180800Z AUG 2004. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 1162(36), 1195(24), 1199(36), 1214(36), 1219(35),
1220(37), 1231(35), 1235(37,51), 1241(35), 1250(55), 1251(37),
1252(36,38), 1256(37), 1265(53), 1266(53), 1269(52), 1271(53),
1272(43), 1274(24), 1276(54), 1279(36), 1280(57), 1286(36),
1290(37), 1297(55), 1298(53), 1300(53), 1303(53,56),
1320(52), 1323(55), 1330(24), 1333(55), 1337(51), 1338(36),
1339(35), 1340(52), 1342(51), 1344(57), 1345(53), 1351(24),
1352(35), 1353(24), 1354(24), 1355(37,51), 1356(53), 1357(52,53),
1358(52,53), 1359(52,53), 1361(24), 1363(55), 1364(51),
1365(36,37), 1366(37), 1367(24), 1368(55), 1369(53).

SECTION III

NM 36/04

2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL HYDROLANT 1087/04, 1092/04, 1103/04, 1105/04, 1121/04, 1141/04, 1174/04, 1336/04, 1353/04, 1354/04.

(181255Z AUG 2004)

1370/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 1500Z TO 2200Z 23 THRU 27 AUG IN AREA BOUND BY 45-03.5N 036-22.5E, 44-52.1N 036-22.5E, 44-49.6N 035-50.5E, 44-59.9N 035-50.5E.
2. CANCEL THIS MSG 272300Z AUG.

(181334Z AUG 2004)

1371/04(52,53). STRAIT OF SICILIA.

1. UNDERWATER OPERATIONS 18 AUG THRU 05 SEP BY M/V MAERSK DEFENDER ALONG TRACKLINE BETWEEN 37-56N 011-47E AND 35-48N 015-44E. ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1358/04.
3. CANCEL THIS MSG 06 SEP.

(181340Z AUG 2004)

1372/04(36,37,51). FRANCE TO SPAIN.

12 METER S/V HOLLY MOLLY, WHITE HULL, THREE PERSONS ON BOARD, OVERDUE LES SABLES D'OLONNE HARBOR TO BAYONA. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ETEL, INMARSAT-C: 4227 99025, TELEX: 42950519, PHONE: 3329 755 3535, FAX: 3329 755 4934.

(181359Z AUG 2004)

1373/04. CANCELED.

1374/04(35). SHETLAND ISLANDS.

CHART 35160 (3RD).
ESHA NESS LIGHT 60-29.3N 001-37.7W UNRELIABLE.

(182324Z AUG 2004)

1375/04(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 240259Z AUG BY VESSEL CGG SYMPHONY TOWING EIGHT 6000 METER LONG CABLES IN AREA BETWEEN 23-50S 24-55S AND 041-10W 040-25W. FOUR MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1361/04.
3. CANCEL HYDROLANT 1367/04.
4. CANCEL THIS MSG 240359Z AUG.

(190613Z AUG 2004)

1376/04. CANCELED.

1377/04(51). NORTH ATLANTIC.

DISTRESS SIGNAL RECEIVED FROM C/S JO LIND VICINITY 19-34.8N 017-36.0W. VESSEL REPORTS ENGINE ROOM FIRE. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO VESSEL, INMARSAT-B: 87032588511 OR JRCC STAVANGER, TELEX: 0056 33163, PHONE: 475 151 7000, FAX: 475 165 2334.

(190806Z AUG 2004)

SECTION III**NAVAREA XII**

Messages in force 191100Z August 2004:

2004 series	186(17)	218(19)	226(GEN)	228(18)	229(GEN)
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The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

NAVAREA XII WARNINGS issued from 121200Z to 191100Z August 2004.

228/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W.	M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
B. 33-52N 119-06W.	TO THE SHORELINE.
C. 33-29N 119-07W.	N. 34-24N 120-30W.
D. 33-29N 118-37W.	O. 34-08N 120-26W.
E. 33-20N 118-37W.	P. 34-08N 119-40W.
F. 32-11N 120-16W.	Q. 34-00N 119-40W.
G. 31-54N 121-35W.	R. 34-06N 119-13W.
H. 35-09N 123-39W.	S. 34-06N 119-11W.
I. 35-29N 123-00W.	T. 34-07N 119-10W.
J. 35-04N 122-43W.	U. 34-07N 119-07W.
K. 35-57N 121-32W.	V. 34-04N 119-04W.
L. 34-59N 120-42W.	
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 225/04.

(151425Z AUG 2004)

229/04(18).

1. NAVAREA XII MESSAGES IN FORCE 180800Z AUG 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2004 SERIES: 218(19), 226(GEN), 228(18), 229(GEN).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL NAVAREA XII 197/04, 227/04.

(181256Z AUG 2004)

SECTION III

NM 36/04

HYDROPACS

Messages in force 191100Z August 2004:

2001 series	727(22)	1011(62)	1152(63)	1239(81,92)	1322(19)
1976(62)	754(62)	1025(74)	1153(63,71)	1254(62)	1324(73)
2002 series	763(62)	1033(62)	1155(63)	1263(63)	1325(63)
205(GEN)	778(75)	1049(61)	1156(63)	1265(74,76,82)	1326(63)
206(GEN)	779(97)	1050(74)	1157(75)	1266(96)	1327(62)
2003 series	795(62)	1052(74)	1167(22)	1268(93)	1328(22)
207(62)	801(61)	1066(62)	1177(GEN)	1271(63)	1329(97)
506(62)	817(74)	1076(74)	1180(22)	1272(GEN)	1330(62)
993(62)	840(63)	1081(74)	1182(71)	1273(63)	1331(29)
998(71)	842(61)	1084(62)	1192(63)	1278(63)	1333(93)
1041(71)	843(61)	1092(63)	1193(71)	1281(93)	1334(74)
1330(62)	890(71)	1112(74)	1215(63)	1286(22)	1335(74)
1395(62)	891(71)	1115(63)	1218(95)	1288(62)	1337(63)
1699(63)	904(63)	1122(63)	1219(71)	1289(62)	1338(63)
1911(62)	910(22)	1123(63)	1220(95)	1293(62)	1339(74)
1982(GEN)	932(22)	1124(74)	1221(95)	1295(71)	1340(96)
2265(62)	940(62)	1127(93)	1222(95)	1305(63)	1341(73)
2004 series	948(96)	1128(22)	1225(95)	1309(96)	1343(62)
23(62)	967(74)	1138(75)	1227(71,93)	1311(63)	1346(81)
278(63)	981(74)	1139(93)	1229(95)	1313(83)	1348(GEN)
329(71)	988(63)	1143(73,74)	1232(95)	1314(83)	1349(63)
455(73)	996(94,95)	1146(81)	1233(95)	1318(63)	1350(91,94)
694(62)	1000(63)	1151(63)	1238(81,92)	1319(63)	1352(76)

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03.
Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

HYDROPAC WARNINGS issued from 121200Z to 191100Z August 2004.

1318/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1230Z
DAILY 14 THRU 21 AUG IN AREA BETWEEN
15-11.ON 15-13.ON AND 073-52.E 073-57.0E.
2. CANCEL THIS MSG 211330Z AUG.

(121231Z AUG 2004)

1319/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1130Z
DAILY 15 THRU 21 AUG IN AREA BETWEEN
14-11.ON 13-51.ON AND 074-27.8E 074-04.5E.
2. CANCEL HYDROPAC 1310/04(83), HYDROPAC 1313/04 REF.
3. CANCEL THIS MSG 211230Z AUG.

(121249Z AUG 2004)

1320/04 and 1321/04. CANCELED.

1322/04(19). NORTH PACIFIC.

MAN OVERBOARD IN 22-13N 170-20E AT 121115Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO JRCC
HONOLULU, TELEX: 392401, PHONE: 808 541 2500,
FAX: 808 541 2123.

(130951Z AUG 2004)

1323/04. CANCELED.

1324/04(73). NEW GUINEA-SOUTHEAST COAST.

CHART 82005 (5TH ED).
COAST WATCHERS LIGHT 05-12.7S 145-48.9E UNLIT.

(131012Z AUG 2004)

1325/04(63). INDIA-WEST COAST. GUNNERY.

1. GUNNERY EXERCISES 0330Z TO 1530Z DAILY 17 AND
20 AUG IN AREA BOUND BY 09-57.6N 075-59.5E,
09-42.5N 076-09.5E, 09-40.0N 076-14.5E,
09-57.7N 076-14.2E.
2. CANCEL THIS MSG 201630Z AUG.

(131206Z AUG 2004)

SECTION III

1326/04(63). INDIA-EAST COAST.

42 FOOT F/V RGM MANIVANNAN, SIX PERSONS ON BOARD, OVERDUE ANDHRA COAST AND RETURN. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC CHENNAI, PHONE: 91 44 2539 5017.

(131230Z AUG 2004)

1327/04(62). PERSIAN GULF. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0300Z TO 0800Z IN PROGRESS DAILY UNTIL 31 AUG IN AREA BOUND BY 24-43N 51-45E, 24-49N 52-16E, 24-58N 52-16E, 24-53N 51-45E.
2. CANCEL THIS MSG 310900Z AUG.

(131630Z AUG 2004)

1328/04(22). SOUTH PACIFIC.

M/V COSTA AZUL REPORTS CREWMAN REQUIRING MEDICAL ASSISTANCE IN 30-29S 086-05W AT 140100Z AUG. VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE. REPORTS TO RCC VALPARAISO.

(140345Z AUG 2004)

1329/04(97). NORTH PACIFIC.

1. CONTAINER ADRIFT VICINITY 26-49.4N 132-05.8E AT 140528Z AUG.
2. CANCEL THIS MSG 21 AUG.

(140725Z AUG 2004)

1330/04(62). PERSIAN GULF.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL 10 SEP BY BARGE DB-27 ALONG TRACKLINE BETWEEN 26-23.6N 051-45.3E AND 26-38.4N 052-01.4E. WIDE BERTH REQUESTED.
2. CANCEL HYDROPOAC 1285/04.
3. CANCEL THIS MSG 11 SEP.

(141048Z AUG 2004)

1331/04(29). SOUTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 65-36S 135-04W. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND, INMARSAT-C: 4512 00067, PHONE: 644 914 8333, FAX: 644 914 8334 OR TAUPO MARITIME RADIO.

(141118Z AUG 2004)

1332/04. CANCELED.

1333/04(93). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 10 SEP BY M/V NORDIC EXPLORER TOWING THREE MILE LONG CABLE IN AREA BOUND BY 10-20.0N 108-19.5E, 10-43.0N 108-49.0E, 10-52.0N 108-34.5E, 10-30.5N 108-10.0E.
2. CANCEL THIS MSG 11 SEP.

(150806Z AUG 2004)

1334/04(74). AUSTRALIA-EAST COAST.

Possible AIRCRAFT DOWN VICINITY 26-42.8S 153-10.3E AT 151030Z AUG. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA, TELEX: 7162025, PHONE: 612 6230 6811, FAX: 612 6230 6868.

(151225Z AUG 2004)

1335/04(74). AUSTRALIA-NORTHWEST COAST.

1. ODAS BUOY ADRIFT VICINITY 11-20S 121-18E AT 150645Z AUG.
2. CANCEL HYDROPOAC 1321/04.
3. CANCEL THIS MSG 23 AUG.

(160648Z AUG 2004)

1336/04. CANCELED.

SECTION III

NM 36/04

1337/04(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1700Z
DAILY 18 AND 19 AUG IN AREAS:
 - A. WITHIN FIVE MILES OF 08-31.9N 076-52.1E
BETWEEN 190 DEGREE AND 300 DEGREE FROM COAST.
 - B. WITHIN 75 MILES OF 08-31.9N 076-52.1E
BETWEEN 220 DEGREE AND 260 DEGREE FROM COAST.
2. CANCEL THIS MSG 191800Z AUG.

(161554Z AUG 2004)

1338/04(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1230Z DAILY
18 THRU 20 AUG IN AREA BOUND BY
19-14.6N 084-53.6E, 19-11.6N 084-51.4E,
19-04.6N 085-00.9E, 19-05.2N 084-50.7E,
19-12.4N 084-48.3E.
2. CANCEL THIS MSG 201330Z AUG.

(161608Z AUG 2004)

1339/04(74). AUSTRALIA-NORTHWEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V PACIFIC SWORD TOWING FOUR MILE LONG CABLE
IN AREA BETWEEN 12-10S 13-00S AND 124-00E 125-30E.
2. CANCEL HYDROPAC 1244/04.

(161615Z AUG 2004)

1340/04(96). SEA OF OKHOTSK.

1. HYDROGRAPHIC SURVEY IN PROGRESS UNTIL 05 SEP
IN AREA BOUND BY 57-11.0N 156-38.5E,
57-32.0N 155-22.0E, 58-46.3N 150-57.5E,
59-07.0N 151-00.5E, 59-33.5N 151-13.5E,
59-33.5N 151-17.5E, 59-07.0N 151-04.5E,
58-48.5N 151-03.0E, 57-32.0N 155-45.0E,
57-13.5N 156-43.5E.
2. CANCEL THIS MSG 06 SEP.

(162110Z AUG 2004)

1341/04(73). TORRES STRAIT.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ
VICINITY 09-43S 143-31E AT 162125Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS
TO RCC AUSTRALIA, TELEX: 7162025,
PHONE: 612 6230 6811, FAX: 612 6230 6868.

(162224Z AUG 2004)

1342/04. CANCELED.

1343/04(62). RED SEA.

DISTRESS SIGNAL RECEIVED FROM M/V IRAN ARDEBIL
VICINITY 12-38N 043-25E. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC ALAMEDA, TELEX: 2301 92343, PHONE: 510 437 3701.

(170816Z AUG 2004)

1344/04 and 1345/04. CANCELED.

1346/04(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 05-42.5N 152-48.2E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO RCC GUAM, TELEX: 392 401,
PHONE: 671 339 6100.

(180525Z AUG 2004)

1347/04. CANCELED.

1348/04(GEN).

1. HYDROPAC MESSAGES IN FORCE 180800Z AUG 2004. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 1127(93), 1128(22), 1138(75), 1139(93),
1143(73,74), 1146(81), 1151(63), 1152(63), 1153(63,71),
1155(63), 1156(63), 1157(75), 1167(22), 1177(GEN), 1180(22),
1182(71), 1192(63), 1193(71), 1215(63), 1218(95), 1219(71),
1220(95), 1221(95), 1222(95), 1225(95), 1227(71,93), 1229(95),
1232(95), 1233(95), 1238(81,92), 1239(81,92), 1254(62),
1265(74,76,82), 1266(96), 1268(93), 1271(63), 1272(GEN),
1273(63), 1278(63), 1281(93), 1286(22), 1288(62), 1289(62),
1293(62), 1295(71), 1305(63), 1309(96), 1311(63), 1313(83),
1314(83), 1318(63), 1319(63), 1322(19), 1324(73), 1325(63),
1326(63), 1327(62), 1328(22), 1329(97), 1330(62), 1331(29),

SECTION III

- 1332(81), 1333(93), 1334(74), 1335(74), 1337(63), 1338(63),
1339(74), 1340(96), 1341(73), 1343(62), 1346(81), 1348(GEN).
2. THE SUMMARY OF ALL HYDROPOAC MESSAGES IN FORCE AS OF 11 DEC 2003
IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL HYDROPOAC 2330/02, 402/04, 1082/04, 1089/04, 1090/04,
1096/04, 1101/04, 1107/04, 1113/04, 1135/04, 1312/04.

(181258Z AUG 2004)

1349/04(63). INDIA-WEST COAST.
CHART 63000 (13TH ED).
RACON (K) ESTABLISHED AT VERAVAL ROADS LIGHT
20-54.6N 070-21.2E.

(181316Z AUG 2004)

1350/04(91,94). SOUTH CHINA SEA.
1. DERELICT 30 METER F/V, WHITE HULL, ADRIFT
VICINITY 21-13N 119-43E AT 180800Z AUG.
2. CANCEL THIS MSG 25 AUG.

(181323Z AUG 2004)

1351/04. CANCELED.

1352/04(76). NEW ZEALAND-NORTH ISLAND.
CHART 76070 (9TH ED).
CAPE PALLISER LIGHT 41-36.8S 175-17.4E UNRELIABLE.

(190903Z AUG 2004)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 19 August 2004: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 19 August 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION

UNITED STATES OF AMERICA NOTICE TO MARINERS CHANGE IN DISTRIBUTION

The National Geospatial-Intelligence Agency (NGA) is in the midst of a hard copy to digital transition program. NGA has statutory requirements to produce and make available safety of navigation data and will continue to meet this obligation to the mariner. The weekly Notice to Mariners is available free of charge to all customers through the Internet on our website. Beginning with Notice to Mariners No. 1, 2005 NGA will no longer print and distribute hard copy versions of this weekly product.

The digital version of the weekly Notice to Mariners is available on the Maritime Safety Information website at <http://pollux.nss.nga.mil/> or through the NGA home page (www.nga.mil). All of the information and data contained in the hard copy Notice is also available on this website. Customers can rely on the same quality of data that the Notice to Mariners provides to the civil and military mariner with the advantages afforded by the Internet. Customers can access daily navigational safety updates and not be hampered by weekly mail deliveries of the hard copy Notice.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand chart is available the day after NOAA clears a New Edition for release. The traditional chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions, contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new edition released by NOAA is listed below:

11346	1 st Ed. Aug 2004 NEW CHART LA-PORT FOURCHON AND APPROACHES INSET: Port Fourchon LIMITS: Northwest Corner----29°15'06"N, 90°18'00"W Northeast Corner----29°15'06"N, 89°59'30"W Southeast Corner----28°51'18"N, 89°59'30"W Southwest Corner----28°51'18"N, 90°18'00"W	NAD 83	(NOS Silver Spring, MD) 1: 40,000 1: 20,000
11364	40 th Ed. Aug 2004 NEW EDITION LA-MISSISSIPPI RIVER-VENICE TO NEW ORLEANS (New edition due to numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1:80,000
12225	55 th Ed. Aug 2004 NEW EDITION VA-MD-CHESAPEAKE BAY-WOLF TRAP TO SMITH POINT (New edition due to numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1:80,000/LORAN-C
13279	31 st Ed. Aug 2004 NEW EDITION MA-IPSWICH BAY TO GLOUCESTER HARBOR INSET: Rockport Harbor (New edition due to various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:20,000 1:5,000
14848	57 th Ed. Jul 2004 NEW EDITION MI-LAKE ERIE-DETROIT RIVER (New edition due to numerous Notice to Mariner changes and various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:30,000
16440	14 th Ed. Jul 2004 NEW EDITION AK-ALEUTIAN ISLANDS-RAT ISLAND-SEMISSOPOCHNOI ISLAND TO BULDIR ISLAND (New edition due to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:300,000/LORAN-C

SECTION III			
17426	14 th Ed. Aug 2004 NEW EDITION AK-CLARENCE STRAIT-KASAAN BAY-PRINCE OF WALES INSETS: Lyman Anchorage Hollis Anchorage (New edition due to numerous Notice to Mariner changes, new topography and change in format.)	NAD 83 1: 40,000 1: 10,000 1: 10,000	(NOS Silver Spring, MD)
18424	26 th Ed. Jul 2004 NEW EDITION WA-BELLINGHAM BAY (New edition due to numerous Notice to Mariner changes.)	NAD 83 1: 40,000	(NOS Silver Spring, MD)
26194	5 th Ed. Jul 2004 NEW EDITION CARRIBEAN SEA-WEST INDIES-NAVASSA ISLAND (New edition due to change in format.)	NAD 83 1:100,000	(NOS Silver Spring, MD)

NEW EDITION OF SAILING DIRECTIONS

Pub. 141, Sailing Directions (Enroute) Scotland, Eighth Edition, 2004, is ready for issue. This publication has been corrected to 10 July 2004, including Notice to Mariners No. 28 of 2004.

This edition is produced by NGA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

Digital Nautical publications will be updated using a binary executable called “Publication Data Update (PDU)”. PDU’s are cumulative or sequential, ensuring customers will not miss any changes, and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nga.mil>).

NEW EDITION OF SAILING DIRECTIONS

Pub. 164, Sailing Directions (Enroute) New Guinea, Ninth Edition, 2004, is ready for issue. This publication has been corrected to 17 July 2004, including Notice to Mariners No. 29 of 2004.

This edition is produced by NGA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

Digital Nautical publications will be updated using a binary executable called “Publication Data Update (PDU)”. PDU’s are cumulative or sequential, ensuring customers will not miss any changes, and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nga.mil>).

NEW EDITION OF SAILING DIRECTIONS

Pub. 171, Sailing Directions (Enroute) East Africa and the South Indian Ocean, Eighth Edition, 2004, is ready for issue. This publication has been corrected to 29 May 2004, including Notice to Mariners No. 22 of 2004.

This edition is produced by NGA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

Digital Nautical publications will be updated using a binary executable called “Publication Data Update (PDU)”. PDU’s are cumulative or sequential, ensuring customers will not miss any changes, and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nga.mil>).

NEW EDITION OF SAILING DIRECTIONS

Pub. 192, Sailing Directions (Enroute) North Sea, Ninth Edition, 2004, is ready for issue. This publication has been corrected to 22 May 2004, including Notice to Mariners No. 21 of 2004.

This edition is produced by NGA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

Digital Nautical publications will be updated using a binary executable called “Publication Data Update (PDU)”. PDU’s are cumulative or sequential, ensuring customers will not miss any changes, and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nga.mil>).

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address _____

Date of Observation _____ Time of Observation (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

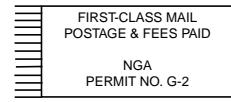
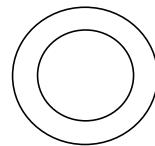
Sounding sensor or method used _____ Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary) _____

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Is hazard remotely monitored? Yes _____ No _____

If yes, list Internet URL where most recent position will be posted (if any): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Latitude _____ Longitude _____

Date of Expected Removal _____

Most Recent Observation: Date _____ Time (Local) _____

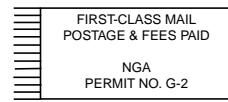
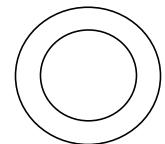
Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Sounding sensor or method used _____

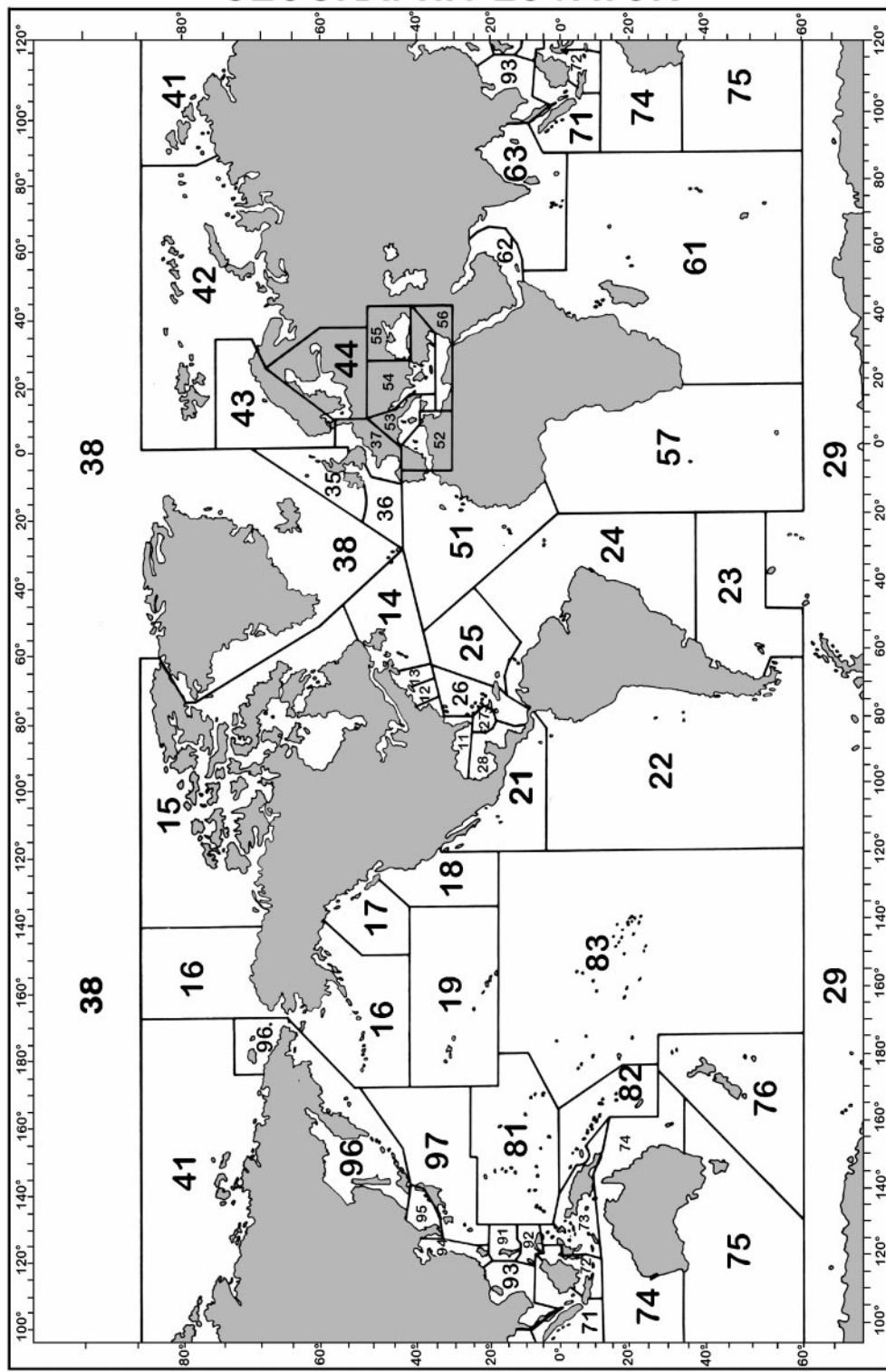
Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**

GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

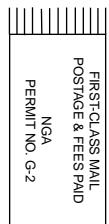
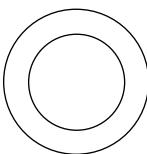
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT
NAVIGATIONAL INFORMATION
TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY